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**SPRING
1934**

Flowers
and
Vegetables

**THE UNUSUAL
and
THE UNIVERSAL**

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Horticultural Specialists
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NEW YORK CITY

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Spring, 1934

Flowers
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Vegetables



*"The Unusual
and the
Universal"*

MULLER-SEALEY CO.
INCORPORATED

Horticultural Specialists

145 West 45th Street
NEW YORK CITY

Phone, BRyant 9-9141



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While we take all possible care to send out only such goods that under proper conditions produce satisfactory results, we still give no warranty as to description, quality or productiveness of any seeds, bulbs or plants we send out and will not be in any way responsible for the crop. All orders for articles named in this catalog will be executed on these conditions only.

For years it has been our privilege to supply many of the leading estates with their plant requirements and we ask your consideration when in the market for plants, either for greenhouse or outdoor use.

We have *Practical Plantsman* in our organization, and it will always be considered a privilege to quote on your needs. Rare and unusual subjects are a specialty with us.

Your inquiries are respectfully solicited.

**PLACE YOUR ORDERS
AS EARLY AS POSSIBLE**





MULLER-SEALEY CO., Inc.

Office:

145 West 45th Street
New York, N. Y.

Warehouse:

195 Montgomery Street
Jersey City, N. J.

January 1, 1934.

FOR the sixteenth consecutive year we present our catalog of flower and vegetable seeds, bulbs, plants and gardening requisites, and in doing so extend renewed greetings to our many valued friends in the horticultural fraternity. We greet also those whom our price list is reaching for the first time, with the sincere hope that it will serve as an introduction to a long, close, and mutually beneficial relationship.

The coming of the New Deal with its stricter regulation of business activities has brought about changes in the policies and standards of many establishments in all fields. But when a firm, for nearly a score of years, has consistently adhered to the highest ideals and standards of both merchandise and service, there is little need or justification for mere superficial variation in the appearance and substance of its message. Consequently we offer again, as we have in the past, a plain, straightforward, descriptive price list designed to give specific, accurate, helpful information about the commodities we handle.

It is our belief that our patrons know what they want and are interested primarily in results rather than promises, and that, accordingly, they want definite facts and figures simply and effectively presented rather than glowing, imaginative word pictures and colorful but not necessarily convincing illustrations. For this reason our catalog is like the service we strive to render—direct, competent, intelligent; without fuss and frills, but 100 per cent up to specifications and requirements. Whether dealing with recognized, time-tested, standard varieties or with the novelty sorts that we confidently recommend as new, better and worthy of trial for particular purposes, our descriptions are accurate and reliable and our prices reasonable and commensurate with thoroughly dependable quality and complete customer satisfaction. We pledge ourselves to maintain in all our dealings the type and degree of service that have made the name Muller-Sealey synonymous with *Maximum Satisfaction* for more than a decade.

Whether an order is large or small, whether for regular, easily obtainable material or for some unusual, keenly desired rarity, it receives the same interest, prompt attention and scrupulous care at the hands of a skilled, experienced, thoroughly capable personnel proud of its record and determined to maintain it.

Our organization will welcome every opportunity to assist its patrons in solving their gardening problems, in locating odd and hard to find plant materials, in promoting the success of their horticultural efforts. Visitors will be cordially received at our conveniently located, mid-New York City offices and our commodious Jersey City warehouse; and those who must or who prefer to depend on correspondence may be assured of no less prompt, interested, personal attention.

Looking forward to a new era of normal, well distributed prosperity built upon sound, enduring foundations, we see ahead rich and unprecedented opportunities for horticultural progress, growth and achievement. It is our proud ambition and endeavor to assist our patrons in contributing to that progress and achievement and in realizing therefrom a generous measure of reward and real enjoyment.

MULLER-SEALEY CO., Inc.

Joseph A. Muller
Frank G. Sealey
John Morrison
Jas. W. Stirling



FLOWER SEEDS

Novelties for 1934

ASTER SUPER GIANT "Los Angeles"

The color of this new Giant Aster is a pure shell pink. The long-stemmed flowers are full petaled, deep, and unusually large, and are artistically graceful in the feathery effect of the interlacing petals. **Pkt. 50c.**

CALENDULA "Apricot Queen"

A flat petaled variety of a bright apricot shade deepening slightly towards the center. **Pkt. 50c.**

CANTERBURY-BELLS "New Dwarf Bedding"

This new type grows about 20 inches in height, forming bushes over 3 feet in circumference. It is very floriferous, the plants often bearing 100 to 150 flowers. The colors that have so far appeared are various shades of blue, mauve, and white. **Choice Mixed. Pkt. 50c.**

NEW HYBRID DIANTHUS "Loveliness"

Loveliness is a gorgeous flower of an exquisite mauve tint, having large, lacerated petals some 2 inches in diameter. It has the most gorgeous bouquet and is the most alluring perfumed flower we know. Millions will grow it for scent alone. It is a hybrid from Dianthus wimmeri, but much freer flowering, with a more erect stem. Sow seed at any season—Winter with heat, Spring and Summer out-of-doors. Blooms about seven months from date of sowing. **Pkt. (20 seeds) \$1.00.**

LINARIA MAROCCANA GRANDIFLORA "Diadem"

This novelty with its flowers of bright violet with pure white eye has much larger blooms than the other Linarias, and it lasts in bloom much longer. It grows about 10 inches high and forms a perfect bush with many spikes of flowers to each plant. **Pkt. 50c.**

MYOSOTIS ALPESTRIS "Blue Ball"

This new Forget-me-not is remarkably compact in habit, of almost globular shape and of more regular growth than any other variety hitherto introduced. The flowers are of a deeper tint than the ordinary indigo blue. **Pkt. 50c.**

PAPAVER NUDICAULE "Gartref" ICELAND POPPIES

The "Gartref" strain of Iceland Poppies has been reselected from the range of art shades, and, as a distinctive feature, most of the blooms have dark edges to the petals, both in dainty tonings and in sharp contrast to the base colorings. The large blooms measure 4½ inches across, and some even as much as 5½ inches. The range is extensive, for, besides the number of base colorings, the combination of edgings and centers adds to the variety. The pink tones are mainly in the shell pink to carmine range, the yellows in the cream to gold tonings, and the amber to apricot colorings are free from brown shades. **Pkt. 50c.**

POPPY "Fairy"

This beautiful new Poppy may be described as a giant "Shirley" growing in bush form. The flowers measure 6 inches across, each having a Maltese cross of varying tint in the center and appear in all art shades of pink, rose, salmon, and scarlet. **Pkt. 50c.**



VERBENA VENOSA "Lilacina"

This new variety with delicate lavender blue flowers has now been added to the well known purple variety. The mass of flowers which hides all the foliage shows off the color to the best advantage. Height 1 foot. **Pkt. 50c.**

DOUBLE ANNUAL WALLFLOWER "Early Wonder Violet"

The long, strong central spike of this new variety is thickly covered with large, double violet blooms and if sown in March will flower from August until frost comes. **Pkt. 50c.**

Recent Novelties and Specialties

AGERATUM "Little Silver Star"

This new Ageratum is distinguished for its compact, close habit and is therefore specially recommended for edgings. The round, cushion-shaped plants which are only 4 to 5 inches high measure from 8 to 10 inches across and are so thickly covered with silver gray starlike flowers that the small, green leaves are practically hidden. **Pkt. 50c.**

ANCHUSA ITALICA "Feltham Pride"

The Anchusa has the disadvantage of a rather straggling habit of growth, but "Feltham Pride" is of a much less spreading habit than the "Dropmore" variety, and moreover bears larger flowers and of a brighter blue. **Pkt. 50c.**

CHOICE, LONG-SPURRED AQUILEGIAS

Crimson Star. Brilliant dark crimson.

Silver Queen. White to cream with spurs faintly tinged rosy sapphire.

Pink Beauty. Sepals and spurs soft pink with a corolla of creamy yellow.

Copper Queen. Coppery red petals and spurs with large, open, straw-colored corolla passing off to white.

Rose Queen. Pale pink sepals and spurs, white corolla with yellow stamens.

Each of the above, pkt. 50c.

For other varieties, see page 32.

ASTER SUBCAERULEUS "Wartburg Star"

A new giant flowering race of these popular Spring Asters. The bright lavender blue flowers with yellow centers measuring more than 4 inches across are borne on stalks 28 inches long. **Pkt. 50c.**

CALENDULA CHRYSANTHA

Remarkable for its great length of stem, and the most striking resemblance the flower bears to a Chrysanthemum. The drooping petals are long and wide, and the color is a clear buttercup yellow. **Pkt. 50c.**

ANNUAL CANTERBURY-BELLS

After many years of selection, we are able to offer a strain which will bloom within 6 months from time of sowing. This strain is obtainable in mixture only, but contains all the colors of this popular flower. **Pkt. 25c.**

PERENNIAL CHRYSANTHEMUM "Piper's Hybrids"

These retain the early flowering habit of the Early Singles, and the staying qualities of the Hardy Garden Type from which they are produced. Blooms, 2 to 4 inches across, are in varied forms in shades of bronze, terra cotta, crimson, pink, white and maroon. They are vigorous in character and absolutely hardy. Seed sown before the first week in April will bloom in September and continue until frost.

Choice Mixed. **Pkt. 50c.**



CINERARIA MULTIFLORA GRANDIFLORA MAXIMA

A hybrid between "Multiflora Nana" and "Grandiflora Maxima." It has inherited the multiflorus blooms of the "Multiflora Nana" and the height of the "Grandiflora Maxima." The single blooms measure 2-3 inches in diameter and the plant grows 12-16 inches high above the pot. We offer it in the following colors: **White, Salmon Rose, Fiery Crimson, Cornflower Blue, Light Rose, Choice Mixed.**

Each of the above colors, pkt. \$1.00

HEWITT'S SUPER DELPHINIUMS

Hewitt's Delphinium Seed is the finest obtainable, selected from the best types, carefully ripened and reselected before being sent out. The varieties we offer are the cream of modern Delphiniums.

Advancement. Pale blue guard petals with inner petals glistening pink. **Pkt. \$3.00.**

Anne Hathaway. Rich blue with white eye. **Pkt. \$2.00.**

Arden. Guard petals sky blue, inner petals rosy mauve. **Pkt. \$2.00.**

Duchess of York. Blue, suffused violet, semi-double, with black eye. **Pkt. \$2.00.**

Monarch of Wales. Deep blue and mauve. **Pkt. \$2.00.**

Pompadour. Brilliant blue, perfectly formed semi-double flowers; a grand variety. **Pkt. \$3.00.**

Tom Hewitt. Glorious rich blue with black eye. **Pkt. \$2.00.**

Warwick. Deep purplish blue, semi-double waved flowers. **Pkt. \$2.00.**

Will Shakespeare. Semi-double flowers of medium blue, shaded rosy mauve. **Pkt. \$2.00.**

For other varieties, see page 34.

DIANTHUS ROCK ALPINUS

After many years of patient work crossing selected types of "Allwoodi" on to various types of Rock Alpinus, we have been rewarded by a number of ultra beautiful seedlings. The large majority of seedlings will be of very dwarf habit from 3 to 6 inches. Plants are perpetually flowering from early Summer until frost, retaining their beautiful glaucous foliage throughout the year. **Pkt. 50c.**

GEUM "Prince of Orange"

The color of this new variety is a true rich orange shade, the plant is sturdy with long and strong stalks. It flowers early, being in full bloom in early Summer. **Pkt. 50c.**

"GLORY OF THE SUN" Leucocoryne Ixioides Odorata

First introduced from Chili in 1927, it has proven to be one of the finest cut flowers for the cool greenhouse. It has heads of large, fragrant flowers, blue with white center, carried gracefully on wiry 18 inch stems. The culture is the same as for Freesias but as the bulbs show little tendency to throw off sets, *seed which germinates freely is the best means of propagation.* **Pkt. \$1.00.**

NEW DOUBLE HOLLYHOCK "Imperator"

Rising to a stately height, it bears flowers 5½ to 6½ inches across, consisting of wide outer petals, elegantly frilled and deeply fringed, and in the center of which appears a very double rosette about 2 inches across. The coloring includes cerise salmon with cream center, reflecting rose, delicate pink with rose center, flushed yellow, light yellow flushed rose with canary yellow center, but there are many other charming combinations of different tints. **Pkt. 50c.**

KALANCHOE GLOBULIFERA COCCINEA

This succulent pot plant is easy to grow and propagate. In shape the flower resembles a Bouvardia, while the color is a brilliant scarlet. **Pkt. \$1.00.**



LARKSPUR, Upright or Delphinium Type

Blue Bell. A fine, medium blue Larkspur, deeper than sky blue, yet much lighter than lilac. It is decidedly upright with long, basal branched flowering spikes.

Carmine King. Deep carmine rose.

Miss California. Rich deep pink on a salmon ground.

Blue Spire. Intense deep blue.

White Spire. Dazzling pure white.

Each of the above, pkt. 25c., $\frac{1}{4}$ oz. \$1.50

NEW DWARF LINARIA "Fairy Bouquet"

The plants are not more than 8 inches high, are very compact in habit, and bear large flowers in many colors, such as rose, yellow, pink, lavender, carmine, red, violet, white and salmon. Excellent either for bedding or for pots.

Choice Mixed Colors. Pkt. 50c.

GOLD MEDAL "REGAL" LUPINES

The finest strain of Perennial Lupines in existence.
Award of Merit, Royal Horticultural Society

Cleopatra. Apricot flame.

Buttercup. Buttercup yellow.

Delight. Massive crimson lake.

Golden Thoughts. Rosy fawn.

Joy. Pink and yellow, dwarf.

Joyce Blackburn. Yellow, tinted bronze.

Marjorie. Beautiful shade of bronze.

May Robinson. Apricot fawn.

Mrs. Metcalfe. Orange scarlet, a glorious variety.

Pink Pearl. A distinct lovely pink.

Queen of Hearts. Pink and white bicolor.

Winnie Walker. Yellow, shaded bronze.

Each of the above 12 varieties, pkt. 25c., $\frac{1}{4}$ oz. \$2.00

For other varieties, see page 37.

MYOSOTIS ALPESTRIS COMPACTA "Blue Bouquet"

This massive blooming Forget-me-not is of wonderfully compact habit, with unusually large flowers of a rich deep blue. The most effective Spring bedding variety yet introduced. Highly recommended for rock gardens. Pkt. 50c.

DOUBLE SWEET SCENTED NASTURTIUM "Golden Gleam"

The plant forms a vigorous, large bush which throws out short runners averaging 18 inches, and when in full bloom the entire plant including the runners, is a blaze of color. The large golden yellow flowers are borne on erect, stiff stems, 6 inches in length. Pkt. 20c., oz. \$1.50.

POLYANTHUS PRIMROSE "Spatchley Strain"

A lovely new strain of Giant-flowered Polyanthus Primroses. The plants are of strong, robust, dwarf growth and the flowers of immense size, ranging through a great variety of beautiful colors and art shades. Award of Merit, R. H. S. Pkt. \$1.00.

PRIMULA MALACOIDES "Erikssonii"

This variety is a distinct advance in the development of this popular flower. The blooms are very much larger than those of any other variety of "Malacoides," the plants grow freely, and attain very large proportions. Pkt. \$1.50.

GIANT-FLOWERED FLORENTINE RANUNCULUS

We strongly recommend this wonderful type. It is very strong and vigorous in habit, with tall stems of bloom 18 inches to 2 feet in height, each individual flower measuring 4 to 5 inches in diameter.

Choice Mixed. Pkt. 50c.



SIDALCEA "Stark's Ryburgh Hybrids"

The plants of this valuable perennial are of splendid habit, growing erect to a height ranging from 2 to 3 feet. The Mal-low-like flowers are borne on long stems from the base of the plant, the individual flowers being over 2 inches in diameter. The colors embrace all the tints of pink, from delicate blush to deep rose-pink and carmine, also including the various tones of red to deep crimson. The plants bloom over a long period, ranging from June till September, and are therefore splendid companions to the Delphiniums. **Pkt. 50c.**

STATICE SINUATA Kampf's Tall Improved

It produces brilliant deep blue blooms on stalks 3 feet long. This new variety is unsurpassed for cutting and indoor Winter decorations. **Pkt. 50c.**

TROLLIUS LEDEBOURI Golden Queen

This is one of the finest hardy perennial plants introduced for a number of years. The plant is very vigorous, grows from 3 to 4 feet in height, but its chief value lies in the size of the flowers and the intense orange color, together with the extreme floriferousness and the constancy with which it blooms in Autumn as well as early Summer. **Pkt. \$1.00.**

URSINIA PULCHRA

For a brilliant effect in the garden this delightful little plant can hardly be excelled. It grows about half the height of Ursinia anethoides and with more delicately cut foliage. The numerous flowers are of a rich orange color. **Pkt. 50c.**

URSINIA ANETHOIDES

The plants form large tufts of leaves from which spring up long, wiry stems, bearing Daisylike flowers of rich orange yellow, adorned by a beautiful ring of deep purple. Half-hardy annual. Height 1 foot. **Pkt. 50c.**

VENIDIUM FASTUOSUM

A magnificent half-hardy South African annual which can be grown either outdoors or under glass. The plants attain a height of 2 to 3 feet, and above the grayish silky foliage rise numerous rich orange colored Daisylike flowers which are marked with a purple-black zone at the base of the petals. The flowers average 4 to 5 inches across and make a most striking display. **Pkt. 50c.**

VERBENA HYBRIDA COMPACTA "Royal Bouquet"

This variety marks a new era in the development of the upright growing Verbena. It forms a plant 15 to 18 inches high and not more than 10 inches across, no lateral branches being thrown out. The corymbs are borne on long stems and group themselves together at the summit of the plant. **Choice Mixed. Pkt. 50c.**

NEW SCABIOUS FLOWERED ZINNIA

An entirely distinct and attractive strain of exquisite form resembling somewhat the Double Crested Cosmos. The flowers are of medium size and each bears a collar of petals surmounted by a full, double crest of the same tone of color. The colors range from pale rose to crimson and scarlet with orange, golden and purple shades. Height 2½ feet. **Pkt. 50c.**



FLOWER SEEDS

Seeds of Stove and Greenhouse Plants

	Pkt.
ABUTILON (Chinese Bellflower). Valuable perennials for greenhouse decoration. Choice hybrids.....	\$0.25
ACACIA baileyana. Long sprays of bright yellow flowers.....	.20
AGATHAEA coelestis (Blue Marguerite). Pretty pale blue Daisy-like flowers, invaluable for dwarf borders, and makes an excellent pot plant. 18 in.....	.15
ANGELONIA grandiflora alba. Pretty greenhouse perennial, with numerous white flowers carried on graceful sprays.....	.25
ARALIA sieboldi. Elegant greenhouse shrub, with large glossy leaves. New seeds are not ready before March or April.....	.25
ASPARAGUS plumosus nanus. Slender, fern-like foliage..... 100 seeds \$1.25, sprengeri. Drooping variety, suitable for hanging baskets..... 100 seeds 50c.,	.25 .15
CALCEOLARIA, James' Prize. Saved from the finest flowers only, containing a rich and varied collection of beautifully blotched and self-colored flowers....	1.00
Clibrani. Golden-yellow, very free flowering.....	.75
Albert Kent Hybrids. This fine Calceolaria bears immense trusses of bloom in 10 to 12 varied colorings	.50
CELSIA arcturus. Clear yellow flowers, with purple anthers. Height 18 in.....	.50
CINERARIA HYBRIDA, James' Prize. A superb strain, noted for its compact, free flowering habit and variety of colors.....	1.00
hybrida multiflora nana. Produces dwarf plants with masses of small flowers in compact heads, over small and dainty foliage. Choice mixed.....	1.00
stellata (Star Cineraria). Delicate, star-like flowers..	1.00
CLERODENDRON fallax. A handsome stove plant with brilliant scarlet flowers.....	.75
CYCLAMEN. Our Cyclamen seed is grown for us by a leading specialist, and saved from plants of superior bloom and foliage.	
Rose of Marienthal. Bright pink..... 100 seeds \$2.50,	.75
Perle of Zehlendorf. Dark salmon... 100 seeds 2.50,	.75
Rose of Zehlendorf. Delicate salmon.100 seeds 2.50,	.75
Glory of Wandsbek. Salmon red.... 100 seeds 2.50,	.75
Fisher's Bonfire. Deep brilliant salmon..... 100 seeds 2.50,	.75
Giant Bright Red 100 seeds 2.50,	.75
Giant Dark Red 100 seeds 2.50,	.75
Giant Pure White 100 seeds 2.50,	.75
Choice Mixed 100 seeds 2.50,	.75
COLEUS. New, large-leaved hybrids.....	.25
DRACAENA indivisa. Long green leaves.. $\frac{1}{4}$ oz. 40c.,	.10
EUCALYPTUS globulus (Blue Gum Tree). Handsome half-hardy perennial, foliage bluish-green.....	.15
EXACUM affine. Beautiful greenhouse pot plant, producing sweetly-scented, bright mauve flowers.....	.50
FRANCOA ramosa. Charming, half-hardy perennial, producing long spikes of pure white flowers.....	.25
GERBERA jamesoni Hybrids (Transvaal Daisy). Elegant, star-shaped flowers in a wonderful variety of color, produced on long stems.....	.50



Seeds of Stove and Greenhouse Plants (Continued)

	Pkt.
GLOXINIA. These beautiful plants are exceedingly useful and popular, and are readily raised from seed.	
Choice Mixed Colors	\$1.00
GREVILLEA robusta (Silk Oak). Useful ornamental foliage plant, with fern-like foliage.....	.15
HUMEA elegans. Long panicles of small, amaranth brown flowers; very fragrant.....	.50
IMPATIENS. Charming, tender perennials for the greenhouse or conservatory.	
holsti. Orange-searlet.....	.25
holsti Hybrids.....	.25
PRIMULA sinensis fimbriata. Charming greenhouse perennials. We can recommend our strains as being second to none for size, vigor of growth and free flowering properties.	
Giant Blue	1.00
Giant Salmon	1.00
Giant White	1.00
Giant Red	1.00
Giant Pink	1.00
Choice Mixed	1.00
stellata (Star Primulas).	
Crimson Star	1.00
Salmon-pink Star	1.00
Blue Star	1.00
White Star	1.00
Choice Mixed	1.00
obconica gigantea. A greatly improved form of Primula obconica, the flowers are nearly as large as those of Primula sinensis.	
gigantea, Crimson.....	.75
gigantea, White.....	.75
gigantea, Rose.....	.75
gigantea, Blue.....	.75
gigantea, Lilac.....	.75
gigantea, Salmon Queen.....	.75
Choice Mixed.....	.75
malacoides.	
Lilac.....	.50
White.....	.50
superba. Deep pink, fine.....	.50
Pink Beauty. A very remarkable variety with large flowers of a beautiful rosy-pink.....	.75
Princess Mary. Considered one of the finest varieties yet raised; flowers very large, of a deep rose pink with yellow eye, borne on wiry stems, 2 feet above the pot.....	1.00
Sutton's Achievement. The flowers of this desirable variety are large, nicely rounded and of a clear, pale rose pink color, thrown up in graceful profusion well above the distinctly crested and neat foliage.....	1.50
kewensis. A distinct variety with soft yellow flowers.	.50
SMILAX. A popular greenhouse climber with small, dark green foliage.....	1/4 oz. 30e., .10
SOLANUM capsicastrum. Greenhouse shrub with searlet berries.....	.15
STEVIA serrata. Greenhouse perennial with graceful sprays of tiny flowers.....	.15
STREPTOCARPUS. Charming greenhouse perennials, with clusters of Achimene-like flowers.	
Goliath. Large blue; very fine.....	.50
Giant Hybrids Mixed.....	.50
TECOMA smithi. Beautiful greenhouse plant with large heads of orange-colored blossoms.....	.25
TRACHELIUM caeruleum. A free growing greenhouse annual, having large, cloud-like heads of pale mauve flowers somewhat resembling Gypsophila...	.20



ANNUALS

These play a big part in the great color schemes of brilliant beds and borders in our Summer gardens. Both for garden effect and for cutting their beauty and usefulness is equally valuable, and by careful choice as to height, color and time of blooming, effective arrangements can be made for a continuous display away into the Fall. Annuals are also effectively used in the hardy plant borders, particularly in filling in those empty spaces after Tulips, Narcissi, and other early Spring bulbs have bloomed, the seed being sown right over the bulbs.

HARDY ANNUALS. Sow in the open ground where they are intended to bloom. The seeds should be sown thinly and covered with fine soil to a greater or less depth, according to the size of the seed.

HALF-HARDY ANNUALS. The seeds should be sown in pans or frames in the early Spring, and transplanted outdoors in April or May, but previous to removal they should be hardened off by gradually exposing to the open air.

Pkt.

ABRONIA umbellata. Verbena-like, rose-colored flowers of trailing habit, admirably adapted for rock work, although really perennial; is easily grown as a hardy annual..... $\frac{1}{4}$ oz. 40c. \$0.10

ACROCLINIUM. One of the most beautiful of the Everlastings. A strong grower, 18 in. high, bears a great number of pink-rose and white Daisy-like flowers, with a yellow center.

Mixed Colors..... $\frac{1}{4}$ oz. 25c., .10

ADONIS aestivalis. Pretty early blooming annual with deep crimson flowers and feathery foliage. 1 ft..... $\frac{1}{4}$ oz. 25c., .10

AGERATUM. Useful bedding plants, effective and showy, continuing long in bloom. Half-hardy annuals.

Blue Perfection. Dark blue, large, 9 in..... $\frac{1}{4}$ oz. 75c., .15

Dwarf Blue. 8 in..... $\frac{1}{4}$ oz. 75c., .15

Dwarf White. 8 in..... $\frac{1}{4}$ oz. 60c., .10

mexicanum. Blue, 24 in..... $\frac{1}{4}$ oz. 60c., .10

mexicanum. White, 24 in..... $\frac{1}{4}$ oz. 60c., .10

Blue Star. A miniature variety with lavender flowers.

4 in.....1-16 oz. \$1.00, .25

Swanley Blue. A handsome, large-flowered dwarf variety. 6 in..... .25

AGROSTEMMA coeli-rosa. Free flowering hardy annual with bright rose flowers. 18 in.... $\frac{1}{4}$ oz. 35c. .10

ALONSOA warscewiczi. Showy, half hardy annual. Excellent for conservatory decoration. 15 in. Color tomato red..... .15

ALYSSUM. Well-known, free flowering hardy annuals with white flowers, suitable for borders.

Benthami (Sweet Alyssum). 12 in.....Oz. 50c., .10

Carpet of Snow. Dwarf and compact, desirable for edgings. 4 in.....Oz. \$1.00, .10

Little Gem. Free flowering variety, of erect growth.

6 in.....Oz. 85c., .10

Lilac Queen. Dwarf and compact. Distinct lilac flowers..... $\frac{1}{4}$ oz. 35c., .15

AMARANTHUS. Handsome plants, suitable for pots or borders. Half-hardy annuals.

caudatus (Love-lies-bleeding). Drooping crimson racemes. 3 ft..... $\frac{1}{4}$ oz. 25c., .10

Cruentus (Princesfeather). Dark red, feathery flowers..... $\frac{1}{4}$ oz. 25c., .10

salicifolius (Fountain Plant). Red and yellow foliage. 3 ft..... $\frac{1}{4}$ oz. 40c., .10

tricolor (Josephs-coat). Scarlet, yellow and green foliage. 2 ft..... $\frac{1}{4}$ oz. 50c., .15



Pkt.

ANAGALLIS. Free flowering annual, admirably adapted for sunny positions. Choice mixed colors.
6 in..... $\frac{1}{4}$ oz. 40c., \$0.10

ANCHUSA capensis. Attractive annual, bearing a profusion of azure blue flowers. 1½ ft... $\frac{1}{8}$ oz. 35c., .10

Blue Bird. Grows about 18 in. high, is of compact habit and bears its flowers in a luxuriant bouquet at the top of the plant. The flowers are of a vivid indigo blue and of brilliant effect in any scheme for the decoration of beds and borders..... .50

ANTIRRHINUM (Snapdragon).

Greenhouse Varieties:

Afterglow.	Golden bronze.....	1.00
Ceylon Court Yellow.	Beautiful canary yellow..	1.00
Cheviot Maid.	Clear pink, very early.....	1.00
Feltham Beauty.	Deep rose pink with white center.	.50
Geneva Pink.	Glistening rose pink.....	1.00
Happiness.	Clear pink, large flowers.....	1.00
Helen.	Beautiful salmon.....	1.00
Indian Summer.	Rich velvety copper color.....	.50
Jennie Schneider.	Beautiful pink Columbia rose color.....	1.00
Judd's Light Pink	.....	1.00
Judd's Dark Pink.	.....	1.00
Nelrose.	Rich coral pink.....	$\frac{1}{8}$ oz. 75c., .25
Orlando.	Bronze.....	1.00
Philadelphia Pink.	Beautiful bright pink.....	1.00
Phelps' White.	Pure white.....	.50
Roman Gold.	Golden yellow, suffused pink.....	1.00
Silver Pink.	Soft silvery pink.....	1.00
Sunburst.	Yellow, tinged with bronze copper.....	1.50
White Rock.	Pure white.....	1.00

Tall Varieties (Height 3 ft.):

Giant Pink Beauty.	Fine soft pink... $\frac{1}{4}$ oz.	\$1.00, .25
Giant Crimson King	.....	$\frac{1}{4}$ oz. 75c., .20
Giant White	.....	$\frac{1}{4}$ oz. 75c., .20
Giant Yellow	.....	$\frac{1}{4}$ oz. 75c., .20
Giant Rose Dore.	Salmon-rose, shaded gold....	$\frac{1}{4}$ oz. \$1.00, .25
Giant Fairy Queen.	Orange-salmon with white throat.....	$\frac{1}{4}$ oz. \$1.00, .25
Giant Torchlight.	Orange with yellow center....	$\frac{1}{4}$ oz. \$1.00, .25
Giant Choice Mixed	.....	$\frac{1}{4}$ oz. 60c., .15

Intermediate Varieties, 1½ ft.

Black Prince.	Deep crimson, dark leaved.....	$\frac{1}{4}$ oz. \$1.00,
Queen of the North.	Pure white.....	$\frac{1}{4}$ oz. 85c., .20
Golden Queen.	Pure yellow.....	$\frac{1}{4}$ oz. \$1.00,
Vesuvius.	Flame color.....	$\frac{1}{4}$ oz. \$1.00,
Choice Mixed	.....	$\frac{1}{4}$ oz. 60c., .15

Tom Thumb Varieties, 6 to 8 in.:

Crimson	.....	$\frac{1}{8}$ oz. 75c., .20
Rose	.....	$\frac{1}{8}$ oz. 75c., .20
White	.....	$\frac{1}{8}$ oz. 75c., .20
Yellow	.....	$\frac{1}{8}$ oz. 75c., .20
Choice Mixed	.....	$\frac{1}{8}$ oz. 60c., .15

ARCTOTIS grandis. Beautiful Daisy-like flowers, with pure white and lilac petals. Half-hardy annual. 2½ ft..... $\frac{1}{4}$ oz. 75c., .15

ARTEMISIA sacrorum viridis (Summer Fir). A graceful foliage plant of rapid growth and pyramidal habit..... .20

ASPERULA azurea setosa. Clusters of fragrant blue flowers, invaluable for bouquets. 12 in.. $\frac{1}{4}$ oz. 60c., .15



ASTERS

American Beauty Asters. Giant branching type with large full flowers and incurved petals.

Lavender	Rose
September Pink	White
Purple	Mixed

Each of the above: Pkt. 20c., $\frac{1}{8}$ oz. 75c.

Semple's Giant Branching Asters. The latest blooming and tallest of all large flowering Asters.

Giant Azure Blue	Giant Rose
Giant Crimson	Giant Pink
Giant Lavender	Giant White
Giant Scarlet	Giant Mixed

Each of the above: Pkt. 10c., $\frac{1}{4}$ oz. 75c.

Giant Comet Asters. Large flowers, with long, wavy, twisted petals like Japanese Chrysanthemums.

Crimson	Dark Blue
Light Blue	Rose
Pink	Mixed
White	

Each of the above: Pkt. 10c., $\frac{1}{4}$ oz. \$1.00

Improved Crego Asters. Large, loose, feathery heads of the Comet type. Early.

Crimson	Lavender
Pink	White
Purple	Choice Mixed

Each of the above: Pkt. 15c., $\frac{1}{4}$ oz. \$1.25

Extra Early Express. The earliest blooming Asters. Flowers large and full, of the Comet type.

Dark Blue	White
Rose	Mixed
Light Blue	

Each of the above: Pkt. 20c., $\frac{1}{4}$ oz. \$1.50

King Asters. A distinct type of branching habit, with large flowers on long stems; the petals are long and narrow and folded lengthwise.

Violet King	White King
Lavender King	Crimson King
Rose King	Mixed

Each of the above: Pkt. 15c., $\frac{1}{4}$ oz. \$1.25

"Giants of California." These Asters are the result of several years' work, beginning with the crossing of the non-lateral branching types of the "American Beauty" class and those of the "Crego" type. They combine a flower of mammoth proportions with a long stem practically free from any laterals.

Giant Dark Purple	Giant Peach Blossom
Giant Light Blue	Giant White
Giant Deep Rose	Mixed

Each of the above: Pkt. 25c., $\frac{1}{8}$ oz. \$1.00

WILT-RESISTANT ASTERS

Early Beauty White	Crego White
Early Beauty Crimson	Crego Pink
Early Beauty Lavender	Crego Deep Rose
Giant Branching White	Crego Crimson
Giant Branching Shell Pink	Crego Purple
Giant Branching Azure Blue	
Giant Branching Purple	

Each of the above: Pkt. 25c., $\frac{1}{4}$ oz. \$1.50

SURPRISE ASTER "Salmongold"

Shades of salmon have hitherto not yet been found among Asters, therefore "Salmongold" is the first in this color on the market. When starting to flower it is pure salmon yellow, the fully developed blooms show a radiating salmon pink shade. The flowers measure from $2\frac{3}{4}$ to $3\frac{1}{2}$ inches in diameter and are carried on long stems. This new variety blooms continuously from July up to late in the Autumn. **Pkt. 50c.**



ASTERS—Continued

Single Asters, Sutton's Southcote Beauty. A fine race of branching habit; the flowers have long, perfectly formed petals and carried on long, stiff stems from 12 to 20 in. in length.

White
Pink

Mauve
Purple

Each of the above: Pkt. 25c., $\frac{1}{8}$ oz. \$1.50

SUNSHINE ASTER, Improved Anemone-flowered

A distinct and handsome type of Aster. The flowers are semi-double, and have a center cushion of tiny quills of a contrasting color.

Blue :: Pink :: Old Rose :: White
Each of the above, pkt. 20c., $\frac{1}{8}$ oz. \$1.00

Asterum. The flowers of this type closely resemble a Japanese Chrysanthemum.

Lavender
White

Rose Pink
Choice Mixed

Each of the above: Pkt. 15c., $\frac{1}{4}$ oz. \$1.00

Pkt.

BALSAM. Beautiful half-hardy annuals, suitable either for pots or planting in borders. 2 ft.

Camellia-flowered, White Perfection	$\frac{1}{4}$ oz.	50c.	\$0.15
Camellia-flowered, Salmon Rose	$\frac{1}{4}$ oz.	50c.	.15
Camellia-flowered, Scarlet	$\frac{1}{4}$ oz.	50c.	.15
Camellia-flowered, Malmaison Pink	$\frac{1}{4}$ oz.	50c.	.15
Camellia-flowered, Light Pink	$\frac{1}{4}$ oz.	50c.	.15
Camellia-flowered, Lilac	$\frac{1}{4}$ oz.	50c.	.15
Camellia-flowered, Choice Mixed	$\frac{1}{4}$ oz.	40c.	.10

BARTONIA aurea. Showy, hardy annuals, having a profusion of golden-yellow flowers. 18 in. $\frac{1}{4}$ oz. 35c., .10

BEGONIA, Tuberous-Rooted.

Gold Medal Hybrids. Single mixed . . . . .	.75
Gold Medal Hybrids. Double mixed	1.00
Fibrous Rooted Varieties. Extensively used for bedding, flowering profusely throughout the Summer.	
gracilis, Pink . . . . .	.25
gracilis, Crimson . . . . .	.25
gracilis, White Pearl . . . . .	.25
gracilis luminosa. Deep scarlet, foliage crimson-bronze . . . . .	.25
gracilis luminosa compacta. The first dwarf variety of the Gracilis type. The plants grow only 5 in. high, the small, dark brown foliage is hidden by a mass of medium sized, bright scarlet blossoms . . . . .	.50
semperflorens erfordi, Pink. Rosy carmine flowers with small, glossy, dark green leaves . . . . .	.50
semperflorens, Dwarf Vernon. Rich red flowers, bronze red foliage . . . . .	.25
semperflorens, Salmon Queen. Brilliant salmon red, crimson foliage . . . . .	.25
semperflorens, "Rosabella." The blooms of this excellent variety are exceptionally large and are of a pure and luminous light pink color. The plants grow about 6 in. high and branch out strongly . . . . .	.75

BRACHYCOME iberidifolia (Swan River Daisy). Neat and free blooming, half-hardy annual with small, Cineraria-like flowers. 9 in.

Blue	$\frac{1}{8}$ oz.	50c.,	.15
White	$\frac{1}{8}$ oz.	50c.,	.15



Pkt.

BROWALLIA.	Pretty, half-hardy annual suitable for Summer bedding, also valuable as a greenhouse pot plant. 18 in.	
speciosa major.	A beautiful variety with large, bright violet-blue flowers.....	\$0.25
elata alba.	White.....	.20
elata caerulea.	Bright blue, foliage glossy green...	.20
viscosa, "Sapphire."	The plants of this new Browallia are very compact, not more than 9 or 10 in. high and extremely floriferous, sometimes bearing over a hundred dark blue flowers with white eye.....	.50
CACALIA coccinea (Tasselflower).	Hardy annual with bright, orange-scarlet, tassel-like flowers; fine for cutting. 18 in.....	1/4 oz. 40c., .10
CALANDRINIA (Grandiflora).	Handsome hardy annual, fleshy leaves and bright rose-colored flowers, especially suitable for sunny situations. 1 1/2 ft....	.15
CALENDULA (Pot-marigold).	Valuable hardy annuals producing abundance of showy flowers until cut down by frost. 12 in.	
officinalis fl. pl., Orange King, Improved Strain.	An extra fine strain of this splendid Calendula, producing enormous orange flowers perfectly double and beautifully formed.....	1/4 oz. 50c., oz. \$1.75, .20
officinalis fl. pl., Lemon Queen.	Clear, lemon-yellow.....	Oz. 75c., .10
Meteor.	Handsome, double and beautifully striped.	Oz. 50c., .10
Ball's Orange.	Bright orange, fine for forcing....	1/4 oz. \$1.00, .25
Ball's Gold.	.....	1/4 oz. \$1.00, .25
"Sensation" (Campfire).	Large, double flowers of rich orange with a scarlet sheen, on long stems.	1/4 oz. \$1.50, .25
CALLIOPSIS.	Well-known, free flowering hardy annuals, producing flowers for a long period.	
drummondii (Golden Wave).	Golden yellow, with brown center. 12 in.....	1/4 oz. 40c., .10
tinctoria.	Yellow, dark center. 2 ft.....	1/4 oz. 40c., .10
atrosanguinea.	Deep crimson. 2 ft.....	1/4 oz. 40c., .10
The Garnet.	Glossy crimson scarlet flowers.....	1/8 oz. 50c., .20
Tom Thumb Crimson King.	Rich, dark crimson. 8 in.....	1/4 oz. 50c., .10
Tom Thumb "Dazzler."	Rich maroon center, with golden yellow border. 12 in.....	1/8 oz. \$1.00, .25
Choice Mixed.	.....	1/4 oz. 25c., .10
CANDYTUFT (Iberis).	Showy, free flowering hardy annuals, valuable for cutting.	
Crimson.	.....	Oz. 75c., .10
Flesh Color.	.....	Oz. 75c., .10
Lilac.	.....	Oz. \$1.00, .15
Rose Cardinal.	Rich and striking color...	Oz. \$1.50, .15
Empress.	Large white with long flower trusses, extensively used for forcing.....	Oz. \$1.00, .15
Giant Hyacinth-flowered.	Immense spikes of pure white flowers.....	Oz. \$1.50, .15
Choice Mixed.	.....	Oz. 50c., .10
CELOSIA pyramidalis (Celosia thompsoni magnifica).		
	Very attractive for bedding and make excellent pot plants. 2 ft.	
plumosa aurea.	Rich yellow.....	1/8 oz. 50c., .15
plumosa coccinea.	Crimson.....	1/8 oz. 50c., .15
Pride of Castle Gould.	Choice mixed.....	.25
cristata (Cockscomb).	Showy annuals, producing large, comb-like flower heads.	
Glasgow Prize.	Exceptionally fine strain.	
Crimson.	.....	1/8 oz. \$1.25, .15
Golden Yellow.	.....	1/8 oz. \$1.25, .15
Rose.	.....	1/8 oz. \$1.25, .15
childsi (Chinese Woolflower).		
Crimson.	.....	1/8 oz. \$1.00, .15
Pink.	.....	1/8 oz. \$1.00, .15
Yellow.	.....	1/8 oz. \$1.00, .15



Pkt.

CENTAUREA cyanus (Bachelor Button). Useful, free flowering hardy annuals. 2 ft.

Single Rose
Single White

Each of the above: Pkt. 10c., oz. 60c.

Double Rose
Double White

Each of the above: Pkt. 15c., $\frac{1}{4}$ oz. 50c.

imperialis (Regal Sweet Sultan). A giant flowering variety, fine for cutting.

Purple
Bright Rose
Lilac

Each of the above: Pkt. 15c., $\frac{1}{4}$ oz. 75c.

Various Annual Centaureas

americana. Large flowers, of a beautiful light lilac color.....	$\frac{1}{4}$ oz. 60c.,	\$0.15
americana alba. White.....	$\frac{1}{4}$ oz. 75c.,	.20
suaveolens (Yellow Sweet Sultan). Bright yellow..	$\frac{1}{4}$ oz. 60c.,	.10

Foliage Varieties

candidissima. White, broad foliage.....	.20
gymnocarpa. White, narrow foliage.....	.15

CHEIRANTHUS linifolius. Also known as **Erysimum linifolium**.

This charming hardy biennial which can be treated as an annual, is of low spreading habit, with clear, mauve Wallflower-like flowers on compact plants. Excellent for rockeries..... .25

CHRYSANTHEMUM. Very useful and showy hardy annuals, producing quantities of bloom for a long period.

Single Varieties

Evening Star. Rich bright golden-yellow	$\frac{1}{4}$ oz. 60c.,	.15
Morning Star. Large primrose flowers.	$\frac{1}{4}$ oz. 60c.,	.15
Northern Star. Large white flowers, dark center.	$\frac{1}{4}$ oz. 50c.,	.15
Choice Mixed	Oz. 40c.,	.10

Double Varieties

inodorum Bridal Robe. A compact and upright variety with pure white flowers.....	$\frac{1}{8}$ oz. 60c.,	.20
coronarium, Golden Queen	$\frac{1}{4}$ oz. 60c.,	.15
coronarium, White Pearl	$\frac{1}{4}$ oz. 60c.,	.15

CINERARIA maritima candidissima. Cultivated for its handsome, silvery white foliage; very ornamental as a decorative pot plant, or for bedding..... .15

CLARKIA. Handsome, showy annuals deserving extensive cultivation. They flower profusely and are exceedingly bright and attractive, especially in large masses. 1 to $1\frac{1}{2}$ ft.

Carmine Queen. Bright carmine.....	$\frac{1}{4}$ oz. 50c.,	.15
Chamois Queen. Pale chamois.....	$\frac{1}{4}$ oz. 50c.,	.15
Orange King. Bright orange-scarlet.....	$\frac{1}{4}$ oz. 50c.,	.15
Queen Mary. Lovely rose-carmine.....	$\frac{1}{4}$ oz. 50c.,	.15
Salmon Queen. Salmon-pink.....	$\frac{1}{4}$ oz. 50c.,	.15
Scarlet Queen. Orange-scarlet.....	$\frac{1}{4}$ oz. 50c.,	.15

Albatross. A splendid, very double, pure white variety, and of a decidedly compact habit..... .50

Copper Scarlet. With this copper scarlet variety a new brilliant shade has been added to the well known charming colors in this useful annual. The compact, double flowers curling inwards, grow on broad, pyramid-shaped bushes about 24 in. high.. .50

Illumination. The ground color is orange, which mingled with rose and terra cotta, gives a beautiful effect. Its outstanding attribute however, is a truly amazing brilliancy; the flowers, especially in sunlight, seem lit with an almost unnatural fire and life. .50



Pkt.

CLEOME pungens (Spiderplant). A quick-growing annual with large, curious, flower heads of a bright rose color, on stems 4 to 5 ft. tall..... $\frac{1}{4}$ oz. 50c., \$0.10

COLLINSIA. Popular and free flowering annual; excellent for beds and borders.

bicolor. Lilac and white, 9 in..... $\frac{1}{4}$ oz. 35c., .10
candidissima. Pure white, 9 in..... $\frac{1}{4}$ oz. 35c., .10

COLLOMIA coccinea. Hardy annual of compact habit, producing large heads of brilliant orange-red starry flowers. 9 in..... $\frac{1}{4}$ oz. 50c., .10

CONVOLVULUS minor. Showy hardy annual for beds and borders, also rockwork. 1 ft.

Blue	Oz. 50c.,	.10
Rose	Oz. 50c.,	.10
Choice Mixed	Oz. 40c.,	.10

CONVOLVULUS major (See **Ipomoea**, page 31)

COSMOS

Large Flowering Varieties

Mammoth Perfection. Crimson.....	$\frac{1}{4}$ oz. 50c.,	.10
Mammoth Perfection. Pink.....	$\frac{1}{4}$ oz. 50c.,	.10
Mammoth Perfection. White.....	$\frac{1}{4}$ oz. 50c.,	.10
Mammoth Perfection. Mixed.....	$\frac{1}{4}$ oz. 50c.,	.10
Lady Lenox. Pink. Flowers of enormous size.....	$\frac{1}{4}$ oz. 75c.,	.15
Lady Lenox. White.....	$\frac{1}{4}$ oz. 75c.,	.15
Klondyke. Orange flowered.....	$\frac{1}{4}$ oz. \$1.00,	.20

Early Flowering Varieties

Crimson	Pink
White	Mixed

Each of the above: Pkt. 15c., $\frac{1}{4}$ oz. 75c.

Double Crested. Flowers beautifully crested and most striking in appearance.

Crimson King. A beautiful shade.....	$\frac{1}{4}$ oz. \$1.50,	.20
Pink Beauty. Shell-pink.....	$\frac{1}{4}$ oz. \$1.50,	.20
White Queen. Pure white.....	$\frac{1}{4}$ oz. \$1.50,	.20

CYNOGLOSSUM. An elegant hardy annual for beds or edgings, with glaucous green leaves.

amabile. Beautiful rich blue, sweet scented flowers. Fine for cutting. 18 in.....	$\frac{1}{4}$ oz. \$1.00,	.25
linifolium. White (Venus' Navelwort).....		.15

DAHLIA

Choice Single Mixed.....		.15
Choice Cactus-flowered.....		.20
Choice Peony-flowered.....		.20
Choice Decorative.....		.20

Coltness Hybrids. The plants of this splendid single Dahlia are of neat, compact habit, averaging about 18 in. high, and bear a full and continued succession of blooms from July until frost. Choice mixed.....

.50

Coltness Yellow. A clear yellow variety of this popular strain of single Dahlia.....

.50

Unwin's Dwarf Hybrids. These combine the wonderful dwarf habit and freedom of flowering of the "Coltness" type. The semi-double flowers are produced over a long period and embrace a wide and most charming range of colors. The plants are compact and require no stakes.....

.50

Orchid-flowered. The form of the flower is graceful and the plants are very free flowering. The seed has been saved from the very finest varieties and the plants from it will provide a wonderful range of beautiful colors. **Choice Mixed**.....

.50

DELPHINIUM (Varieties that bloom first year from seed).

Blue Butterfly. A charming variety of dwarf habit, having deep gentian blue flowers. 12 in. $\frac{1}{4}$ oz. \$1.00, .15

Azure Fairy. Similar in habit to Blue Butterfly, but with flowers of a lovely Cambridge Blue. $\frac{1}{4}$ oz. \$1.00, .15

sinense. Light and dark blue..... $\frac{1}{4}$ oz. 50c., .10

sinense. Pure white..... $\frac{1}{4}$ oz. 50c., .10



DIANTHUS. These beautiful plants, though really hardy biennials, do best when treated as half-hardy annuals. 12 in.

Single Varieties

	Pkt.
hedgewigi, "The Bride." White, with rosy-purple eye.....	$\frac{1}{4}$ oz. 75c., \$0.15
hedgewigi, Crimson Belle. Brilliant velvety crimson.....	$\frac{1}{4}$ oz. 75c., .15
hedgewigi, Eastern Queen. Rose-colored flowers, finely striped.....	$\frac{1}{4}$ oz. 75c., .15
hedgewigi, Choice Mixed	$\frac{1}{4}$ oz. 60c., .10
laciniatus (Fringed) Salmon Queen. One of the most attractive varieties of Dianthus; flowers large, elegantly laciniated and of a lovely salmon-pink shade.....	$\frac{1}{4}$ oz. \$1.00, .15
laciniatus. Choice mixed.....	$\frac{1}{4}$ oz. 75c., .15
nobilis (Royal Pinks). Large, fringed flowers of glowing blood-red, shading to carmine and pink.	$\frac{1}{4}$ oz. \$1.00, .20

Sweet Wivelsfield. This race of Hardy Annual is a cross between Dianthus allwoodi and Sweet-william. It is distinct in habit and freedom of growth, method of flowering, formation of trusses, a greater variety of coloring than the so-called Annual Sweet-william. .50

Double Varieties

chinensis (Indian Pinks). Choice mixed.....	Oz. \$1.25, .10
diadematus (Diadem Pinks). Choice mixed.....	$\frac{1}{4}$ oz. 75c., .15
hedgewigi (Japan Pinks). Choice mixed.....	$\frac{1}{4}$ oz. 75c., .10

DIASCIA barberae. Pretty half-hardy annual with pink, coral-like flowers, excellent for dwarf borders, and makes a fine pot plant. 9 in..... .25

DIDISCUS caeruleus (Trachymene). Commonly known as the Blue Lace Flower. An attractive annual with delicate pale-blue flowers, suitable either for greenhouse cultivation or for Summer bedding. Invaluable for cutting. 1½ ft..... $\frac{1}{8}$ oz. 50c., .15

DIMORPHOTHECA (Half-hardy Annuals).

aurantiaca. Gorgeous orange flowers, produced in great profusion, one of the most brilliant and lasting Summer bedding plants. Flowers in six weeks from time of sowing. 12 in.....	$\frac{1}{4}$ oz. 60c., .15
aurantiaca Hybrids. The flowers include a wide range of shades of primrose, apricot, buff, salmon and white.....	$\frac{1}{4}$ oz. 60c., .15
Eklonis. Large star-shaped white flowers, with a small deep blue disk.....	.25

DRACOCEPHALUM moldavicum. A showy annual producing long spikes of bright blue flowers. Fine for cutting..... $\frac{1}{4}$ oz. 75c., .15

ECHIUM plantagineum. A free growing and continuous blooming hardy annual. The flowers open rose and change to purple, making a most attractive and unusual effect. 1½ ft..... .25

ERIGERON divergens. This very pretty annual species forms neat, freely branching, shapely bushes, 12 to 18 in. high, which are thickly strewn with small white, lavender-shaded flowers about $\frac{3}{4}$ in. across, showing up well against the light gray green foliage. .50

ERYSIMUM. Free flowering hardy annuals, the plants resemble Wallflower; fine for cutting.

perofskianum. Orange yellow. 12 in..... .15

Golden Gem. A charming dwarf variety. Literally covered with golden-yellow flowers. 10 in..... .20



Pkt.

ESCHSCHOLTZIA (California Poppy). Well-known hardy annuals with showy flowers, they are most effective when grown in beds. 12 in.

californica.	Large yellow.....	Oz. 75c., \$0.10
californica alba.	Pure white.....	Oz. 75c., .10
Carmine King.	Rich carmine-rose.....	$\frac{1}{4}$ oz. 50c., .10
crocea, fl. pl.	Double orange.....	$\frac{1}{4}$ oz. 60c., .10
Golden West.	Bright orange-yellow.....	$\frac{1}{4}$ oz. 50c., .10
Mandarin.	Orange-scarlet, shaded crimson.....	$\frac{1}{4}$ oz. 50c., .10
Mikado.	Striking orange-crimson, one of the richest colors in Eschscholtzias.....	$\frac{1}{4}$ oz. 50c., .10

EUPHORBIA

heterophylla (Mexican Fireplant).	Glossy green and carmine leaves. 2 to 3 ft.....	.15
variegata (Snow-on-the-mountain).	Green and white foliage. 2 ft.....	.10

EVERLASTING ANNUALS. A delightful class that retain their color, texture, and form for many months after cutting, enabling them to be used in the dried state for decorative purposes.

Collection, 6 varieties, 1 pkt. each of **Acroclinium**, **Helichrysum**, **Globe-amaranth**, **Rhodanthe**, **Statice** and **Quaking Grass**. Price 50c.

FEVERFEW. See **MATRICARIA**.

FOUR O'CLOCK. See **MARVEL OF PERU**.

GAILLARDIA (Blanketflower). Handsome hardy annuals, very useful for cutting. 2 ft.

amblyodon.	Deep red, single.....	$\frac{1}{4}$ oz. 50c., .15
lorenziana Double Mixed.	Large yellow and red flowers.....	$\frac{1}{4}$ oz. 40c., .10
	For perennial varieties, see page 35.	

GAURA lindheimeri. A graceful perennial, blooming the first season from seed, and producing long sprays of red tinted, white flowers. 2 ft..... $\frac{1}{4}$ oz. 60c., .15

GLOBE-AMARANTH (Gomphrena). Popular, everlasting flowers. 12 in.

Orange	White
Flesh Color	Choice Mixed
Purple	

Each of the above: Pkt. 10c., $\frac{1}{4}$ oz. 35c.

GODETIA. Showy, hardy annual, with large, satiny, mallow-like flowers, suitable for mixed beds or borders. 12 in.

Crimson Glow.	Compact growing variety with dazzling crimson flowers.....	$\frac{1}{4}$ oz. 75c., .15
Duchess of Albany.	Satiny white.....	$\frac{1}{4}$ oz. 50c., .10
Lady Satin Rose.	Bright carmine.....	$\frac{1}{4}$ oz. 75c., .15
The Bride.	White and carmine.....	$\frac{1}{4}$ oz. 50c., .10
Choice Mixed.		$\frac{1}{4}$ oz. 50c., .10

GRASSES (Ornamental)

Avena sterilis (Animated Oats).	Drooping, very graceful. 2 ft.....	.10
Briza maxima (Quaking Grass).	Fine for bouquets. 1 $\frac{1}{2}$ ft.....	.10
Coix lacrymae (Jobs-tears).	Seed resembles a teardrop. 2 to 3 ft.....	.10
Hordeum jubatum (Squirrel-tail Grass).	Bushy panicles. 2 ft.....	.10
Lagurus ovatus (Hare's-tail Grass).	Small, silvery gray plumes. 1 ft.....	.10
Pennisetum longistylum .	Drooping heads.....	.10
ruppelianum.	Violet-purple plumes. 2 to 3 ft....	.10
Stipa pennata (Feather Grass).....		.10
Zea japonica variegata.	5 ft.....	.10

For perennial varieties, see page 36



Pkt.

GYPSOPHILA (Babysbreath). Light and graceful free flowering annuals, useful for bouquets.

elegans grandiflora alba. Large, pure white flowers 18 in..... Oz. 60c., \$0.10

rosea. Rose flowers. 18 in..... Oz. 75c., .10

muralis. Dwarf variety, with rose flowers suitable for rockwork. 6 in..... $\frac{1}{4}$ oz. 35c., .15

HELIANTHUS. See **SUNFLOWER.**

HELICHRYSUM (Strawflower). Popular, everlasting, the dried flowers are highly prized for Winter bouquets. 2 ft.

Fireball. Scarlet..... $\frac{1}{4}$ oz. 50c., .10

Golden Ball. Golden yellow..... $\frac{1}{4}$ oz. 50c., .10

Rose Queen. Carmine-rose..... $\frac{1}{4}$ oz. 50c., .10

Salmon. $\frac{1}{4}$ oz. 50c., .10

Silver Ball. White..... $\frac{1}{4}$ oz. 50c., .10

Violet Queen. Violet..... $\frac{1}{4}$ oz. 50c., .10

Choice Mixed. $\frac{1}{4}$ oz. 40c., .10

HELIOPHILA leptophylla. Charming annual with pretty blue, white eyed flowers which are freely produced in long racemes. The plant may be flowered in the open under half hardy treatment, and when grown in masses is very attractive. Height 18 in... .35

HIBISCUS africanus (Mallow). Free flowering, hardy annuals with yellow flowers and purple centers. 2 ft. .10

Sunset. Beautiful greenhouse plant, yellow flowers, black center..... .20

HOLLYHOCK

Single Annual Varieties, Mixed. $\frac{1}{4}$ oz. 60c., .15

Double Annual Varieties, Mixed. $\frac{1}{4}$ oz. 75c., .20

HUNNEMANNIA fumariaefolia. Showy hardy annual, with large, golden yellow flowers and feathery glaucous foliage. 18 in..... $\frac{1}{4}$ oz. 50c., .10

ICE PLANT. See **MESEMBRYANTHEMUM.**

IONOPSIDIUM acaule. A charming miniature plant with pale blue flowers, thrives well in the shade, invaluable for rockeries. 2-3 in..... .15

JACOBAEA. A beautiful, free flowering hardy annual, producing dense heads of double flowers which are largely grown for bouquets. Choice mixed. 18 in. $\frac{1}{4}$ oz. 50c., .15

KAULFUSSIA ammelloides. Pretty, hardy annuals with blue flowers, suitable for massing. 6 in..... .15

KOCHIA trichophylla (Summer Cypress). A rapid-growing annual, foliage green, turning to fiery red in Autumn. 3 ft..... $\frac{1}{4}$ oz. 30c., .10

LARKSPUR. Showy, hardy annuals; their beautiful and graceful spikes of bloom make a splendid display. 2 ft.

Rose **White**
Purple **Carmine**
Flesh Color **Mixed**
Light Blue

Each of the above: Pkt. 10c., $\frac{1}{4}$ oz. 50c.

La France. A pleasing salmon pink.... $\frac{1}{4}$ oz. \$1.00, .15

Los Angeles. Rich salmon ground, overlaid a brilliant rose..... $\frac{1}{4}$ oz. \$1.00, .15

LAVATERA (Annual Mallow). Showy, hardy annuals, with large, cup-shaped flowers, useful for massing and cutting.

arborea variegata (Tree Mallow). Large, ornamental foliage plants, with leaves mottled yellow and white. 4 ft..... .15

rosea splendens. Rosy-pink flowers. 3 ft..... .10

alba splendens. White flowers. 3 ft..... .15

trimestris. Red. 2 ft..... .15

trimestris. White. 2 ft..... .10



	Pkt.
LAYIA elegans. A pretty annual with large yellow flowers edged with white. 1 ft.....	\$0.15
LEPTOSIPHON. Free-flowering annual, admirably adapted for edgings and rockwork. 3 in.	
Choice French Hybrids.....	.25
LEPTOSYNE. Fragrant, half-hardy annuals, large, Marguerite-like flowers on long stems. Excellent for cutting.	
maritima. Large, lemon-yellow. 2 ft.... $\frac{1}{4}$ oz. 75c.,	.15
stillmani. Rich golden-yellow, bloom in six weeks after sowing. 2 ft..... $\frac{1}{4}$ oz. \$1.00,	.15
LIMNANTHES douglasi. Vigorous, hardy annual with white and yellow flowers. 9 in.....	.15
LINARIA maroccana Hybrids. Beautiful annuals, ranging from white to yellow, pink and blue. 9 in..	.15
reticulata aurea purpurea. Golden yellow and brown-red.....	.15
LINUM grandiflorum rubrum (Scarlet Flax). An elegant, free flowering hardy annual, valuable for bedding, brilliant scarlet flowers. 1 ft.. $\frac{1}{4}$ oz. 25c.,	.10
LOBELIA, Dwarf Varieties. Pretty and invaluable half-hardy annuals for bedding and edging. 4 to 6 in.	
compacta Crystal Palace. Dark blue... $\frac{1}{8}$ oz. \$1.00,	.20
Emperor. Light blue..... $\frac{1}{8}$ oz. \$1.00,	.20
White Lady. Pure white.....	.20
Royal Purple. Deep blue with white eye.....	.20
gracilis. Light blue, trailing variety.....	.15
Tall Varieties	
Ramosa. Blue, flowers profusely in Fall. 1 $\frac{1}{2}$ ft...	.25
tenuior. A charming variety, large, cobalt-blue with white center, very suitable for growing in pots or baskets. 12 in.....	.25
LUPINUS (Lupine). These garden favorites are among the most beautiful and useful of our hardy annuals. splendid for beds, borders and backgrounds. 2 to 3 ft.	
hartwegi. Blue..... $\frac{1}{4}$ oz. 35c.,	.10
albus. White..... $\frac{1}{4}$ oz. 35c.,	.10
roseus. Rose..... $\frac{1}{4}$ oz. 35c.,	.10
hybridus atro-coccineus. Large spikes of scarlet flowers, tipped white.....Oz. 75c.,	.10
hybridus insignis. Deep purple.....Oz. 75c.,	.10
menziesi. Long stems of bright yellow flowers, dwarf branching habit..... $\frac{1}{4}$ oz. 50c.,	.15
Mixed.....Oz. 50c.,	.15
For Perennial Lupines, see page 37	
MALOPE. Pretty, free flowering hardy annuals with mallow-like flowers. 2 ft.	
grandiflora alba. White.....Oz. 60c.,	.10
rosea. Rose.....Oz. 60c.,	.10
rubra. Red.....Oz. 60c.,	.10
Mixed.....Oz. 50c.,	.10
MARIGOLD. Well-known, half-hardy annuals, extremely showy for beds or borders.	
Double African , 2 $\frac{1}{2}$ ft.	
Giant Lemon Queen. Rich, lemon-yellow..... $\frac{1}{8}$ oz. \$1.00,	.25
Giant Prince of Orange. Beautiful orange color.. $\frac{1}{8}$ oz. \$1.00,	.25
Eldorado. Large quilled flowers, brilliant shades of yellow..... $\frac{1}{4}$ oz. 50c.,	.15
Guinea Gold. A distinct type of graceful pyramidal habit, growing 2 to 2 $\frac{1}{2}$ ft. high and producing 30 to 40 flowers 2 to 2 $\frac{1}{2}$ in. across of a brilliant shade of orange flushed with gold.. $\frac{1}{8}$ oz. \$1.00,	.25
Choice Mixed $\frac{1}{4}$ oz. 50c.,	.10



MARIGOLD—Continued

Pkt.

Double French, 1 ft.

Dwarf Gold Striped.	Handsomely marked flowers	$\frac{1}{8}$ oz.	\$1.00,	\$0.25
Dwarf Cloth of Gold.	Golden yellow	$\frac{1}{4}$ oz.	75c.,	.20
Dwarf Mixed		$\frac{1}{4}$ oz.	50c.,	.10
Dwarf Legion of Honor (Little Brownie).	Single golden yellow, marked velvety red	$\frac{1}{4}$ oz.	50c.,	.10

MARVEL OF PERU (Four-o'clock). Bushy, half-hardy perennial, which if sown in Spring will flower in the same year. Height 2 ft.

Choice Mixed Colors	Oz. 50c.,	.10
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MATRICARIA (Feverfew). Free flowering, hardy annuals, with a profusion of dainty flowers. 1½ ft.

capensis. Small, double white flowers.....	.15
Golden Ball. Golden-yellow flowers, fine for pots..	.20

MATTHIOLA bicornis (Night-scented Stock). A charming little annual, with a delicious odor perceptible in the evening, purplish-lilac flowers. 12 in... .10

MESEMBRYANTHEMUM crystallinum (Iceplant). Half hardy annual, with thick, succulent leaves.. .10

Tricolor. Flowers crimson and white, with dark center. 3 in.....	.15
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MIGNONETTE (*Reseda odorata*). Old favorites in every garden, the sweet perfume of the flowers is greatly appreciated in the house.

Giant Exhibition. An excellent strain for forcing, producing immense, well-formed spikes. The seed we offer was raised under glass and saved from selected spikes.....	$\frac{1}{8}$ oz.	\$3.00,	.75
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Allen's Defiance. Large spikes, very fragrant....	Oz. \$1.25,	.10
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Crimson Giant. Immense spikes of deep red flowers.	$\frac{1}{4}$ oz.	50c.,	.15
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Golden Queen. Golden-yellow, very fine.	$\frac{1}{4}$ oz.	50c.,	.10
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Goliath. A striking variety, with enormous spikes of red flowers.....	$\frac{1}{4}$ oz.	50c.,	.15
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Machet. Long spikes of sweet-scented red flowers..	$\frac{1}{4}$ oz.	50c.,	.10
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Large Flowering. The old sweet-scented variety..	Oz. 50c.,	.10
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MIMOSA pudica (Sensitiveplant). An interesting half-hardy annual, with pinkish flowers, the leaves close when touched. 1½ ft..... $\frac{1}{4}$ oz. 60c., .15

MIRABILIS. See **MARVEL OF PERU**.

NASTURTIUM. Beautiful, free flowering annuals, admirably adapted for bedding out.

Dwarf Varieties, 12 in.

Aurora. Chrome-yellow, lower petals suffused with purplish-carmine.....	Oz. 25c.,	.10
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Chameleon. Pale yellow, blotched with red....	Oz. 25c.,	.10
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Empress of India. Crimson-scarlet, dark foliage.	Oz. 25c.,	.10
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Golden King. Deep yellow, golden foliage.	Oz. 25c.,	.10
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King of Tom Thumbs. Rich scarlet, dark foliage.	Oz. 25c.,	.10
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King Theodore. Deep maroon, dark foliage.....	Oz. 25c.,	.10
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Pearl. Creamy white.....	Oz. 25c.,	.10
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Choice Mixed	Oz. 25c.,	.10
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NASTURTIUM—Continued

Tall Varieties	Pkt.
Dark Crimson	Creamy White
Nankin Yellow	Choice Mixed
Maroon	

Each of the above: Pkt. 10c., oz. 25c.

NEMESIA, Sutton's Large-flowered. These half-hardy annuals are exceedingly showy and not nearly so much grown as they deserve to be. They make excellent pot plants. 1 to 1½ ft.

Cherry Red	Pale Yellow
Rose Pink	Crimson
White	Scarlet
Rich Orange	Mixed

Each pkt. 50c.

compacta, Blue Gem. Very compact, pretty Forget-me-not blue flowers.....\$0.25
White Gem. White flowers..... .25

NEMOPHILA. Among the most useful of hardy annuals on account of their free flowering habit and hardy nature. 9 in.

insignis. Beautiful light blue.....Oz. 60c., .10
maculata. White, spotted with deep violet..... .10

NICOTIANA (Tobacco). Showy and free flowering, half-hardy annuals.

affinis. Pure white, sweet-scented. 3 ft..¼ oz. 35c., .10
sanderae. Rich carmine. 3 ft.....¼ oz. 50c., .10
sanderae Hybrids. Many brilliant colors. 3 ft....
 ¼ oz. 50c., .15
sylvestris. A handsome plant of pyramidal habit,
large clusters of white flowers. 4 ft.....¼ oz. 60c., .15
Crimson Bedder. A distinct variety, being of dwarf
and pyramidal habit, not exceeding 15 in. in height.
The flowers are of a rich deep crimson color and
freely produced..... .50

NIEREMBERGIA gracilis. Fine for edging or hanging
baskets, pretty cup-shaped lilac and white flowers. .20

NIGELLA (Love-in-a-mist). Interesting hardy annuals,
with finely cut foliage and curious flowers. 1½ ft.

Miss Jekyll. A most attractive variety with flowers
of a beautiful Cornflower blue, excellent for cutting.
 ¼ oz. 50c., .10
Miss Jekyll. White..... ¼ oz. 50c., .10

NYCTERINIA selaginoides. Pretty, half-hardy an-
nual, forming dwarf, compact plants, excellent for
beds and borders. Flowers white, flushed lilac.
9 in..... .20

OENOTHERA drummondii (Evening Primrose). The
bright yellow flowers open early in the evening and
last well into the next day. 1½ ft..... .10

OXALIS tropaeoloides. Excellent dwarf bedding
plant forming a dense mat with dark brown foliage
and tiny yellow flowers. 4 in..... .15

PETUNIA (Half Hardy Annuals)

Giant Single Varieties

Giants of California. A superb strain of beauti-
fully fringed, ruffled and plain-edged varieties in
splendid mixture..... .50
Giant Fringed. An unrivaled strain of giant fringed
sorts of great substance and most beautiful colors.
Choice mixed..... .50



PETUNIA—Continued

Giant Double Varieties

Pkt.

Giant Double Fringed. Extra fine strain. Immense, beautifully fringed flowers. Choice mixed. \$0.50

Lady of the Lake. Pure white fringed, extra large flowers..... .50

Single Bedding Varieties

Pink Glory. An excellent variety with pure rose-pink flowers without a trace of purple, measuring from 3 to 4 in..... .50

Rosy Morn. Bright rosy-pink with white throat, compact and free flowering..... $\frac{1}{4}$ oz. \$1.50. .15

Rose of Heaven. Rich brilliant rose, very effective. .20

Snowball. Pure white..... $\frac{1}{8}$ oz. 50c., .15

Sutton's Blue Bedding. An excellent Petunia for beds and borders. Height 18 in..... .50

Sutton's Superb Violet. Splendid color, free from any tinge of magenta. Considered the best of the dark varieties..... 1.00

Balcony Petunia

A free-flowering type suitable for bedding, window boxes, etc.

Blue	Rose
White	Dark Red

Each, pkt. 25c., $\frac{1}{8}$ oz. \$1.50

PHACELIA campanularia. Very showy hardy annual with bright, blue, bell-shaped flowers. One of the earliest annuals to bloom, and lasts in perfection a long time. Height 9 in..... $\frac{1}{4}$ oz. 60c., .15

PHLOX drummondii. The annual Phloxes are among our most popular and useful Summer flowering plants; they continue to bloom until cut down by frost and of most gorgeous and varied colors. 12 in.

grandiflora alba.	Pure white.....	$\frac{1}{4}$ oz.	85c.,	.10
Brilliant.	Delicate rose, white eye.....	$\frac{1}{4}$ oz.	85c.,	.10
Chamois Rose	.....	$\frac{1}{4}$ oz.	85c.,	.10
Coccinea.	Brilliant scarlet.....	$\frac{1}{4}$ oz.	85c.,	.10
Isabellina.	Yellow.....	$\frac{1}{4}$ oz.	\$1.00,	.15
Purple	.....	$\frac{1}{4}$ oz.	85c.,	.10
Choice Mixed	.....	$\frac{1}{4}$ oz.	85c.,	.10

Dwarf Varieties, 8 in.

Chamois Rose	.....	$\frac{1}{8}$ oz.	\$1.00,	.20
Fireball.	Flame red.....	$\frac{1}{8}$ oz.	\$1.00,	.20
Purple	.....	$\frac{1}{8}$ oz.	\$1.00,	.20
White	.....	$\frac{1}{8}$ oz.	\$1.00,	.20
Yellow	.....	$\frac{1}{8}$ oz.	\$1.00,	.20
Choice Mixed	.....	$\frac{1}{8}$ oz.	\$1.00,	.20

POPPIES. The number of varieties of these charming annuals is so great that some difficulty may be found in selecting the most useful sorts. We have endeavored to catalogue only those kinds which we can thoroughly recommend.

Single Varieties

The Shirley.	The brilliant colorings and wonderful variety of the flowers of this popular variety make a very effective display. Choice Mixed. 2 ft..	Oz. 75c.,	.10
Danebrog.	Scarlet flowers, with white cross in center. 2 ft.....	Oz. 75c.,	.10
glaucum.	Rich scarlet. 1 $\frac{1}{2}$ ft.....	$\frac{1}{4}$ oz. 35c.,	.10
Miss Sherwood.	White and chamoise rose. 2 ft..	$\frac{1}{4}$ oz. 35c.,	.10
Scarlet Field Poppy	.....	Oz. 75c.,	.10
Single Mixed	.....	Oz. 60c.,	.10



POPPIES—Continued

Double Varieties	Pkt.
American Flag. White bordered with scarlet. 2 ft.....	1/4 oz. 35c., \$0.10
Mikado. Large white flowers, fringed with rose. 2 ft.....	1/4 oz. 35c., .10
Eldorado. A double form of the "Shirley," mixed colors.....	1/4 oz. 50c., .15
White Swan. Large, pure white. 2 ft. 1/4 oz. 35c.,	.10
Carnation-flowered, Mixed. Oz. 60c.,	.10
Ranunculus-flowered, Mixed. Oz. 75c.,	.10
Double Queen. A beautiful strain of the Shirley type with double and semi-double flowers of the most delicate and brilliant colors. Height 2 1/2 ft. Fine for cutting.....	.25

POR TULACA. Pretty, hardy annuals, succeeding best
in dry, warm situations and producing flowers of the
most brilliant colors. 6 in.

Single Rose	Single White
Single Scarlet	Single Yellow
Single Choice Mixed	
Each, pkt. 10c., 1/4 oz. 50c.	

Double Mixed, pkt. 15c., 1/4 oz. \$1.25

RHODANTHE maculata. Beautiful everlasting, much
prized for Winter bouquets. 1 1/2 ft.

Choice Mixed Colors..... .10

RICINUS (Castor Oil Plant).

bourboniensis arboreus. Green foliage. 15 ft.	15 ft.
	Oz. 40c., .10
cambogensis. Dark maroon foliage, black stems. 5 ft.....	Oz. 40c., .10
gibsoni. Dark red foliage. 5 ft.....	Oz. 40c., .10
sanguineus. Reddish-purple foliage, red stems. 6 ft.....	Oz. 35c., .10
zanzibarensis, Mixed. Leaves of enormous size. 10 to 12 ft.....	Oz. 35c., .10
All Varieties Mixed	Oz. 30c., .10

RUDBECKIA bicolor superba. Attractive annual of
compact growth. Excellent for cutting. Golden
yellow flowers with chestnut markings. 2 ft..... .15

SALPIGLOSSIS. These handsome, half-hardy annuals
are highly esteemed for their elegant habit and bril-
liant flowers. Invaluable for cutting. 2 ft.

Crimson and Gold	Violet and Gold
Crimson	Violet
White and Yellow	Yellow
Rose and Gold	Emperor Mixed
Scarlet and Gold	

Each of the above: Pkt. 15c., 1/4 oz. \$1.00

SALVIA

splendens, Bonfire. Free flowering, with dense flaming scarlet spikes. 2 1/2 ft.....	1/4 oz. \$1.50,	.20
Fireball. Forms a compact, dense bush, flowers dull red, excellent for pot culture.....	1/8 oz. \$1.25,	.25
Zurich. Free flowering dwarf variety, brilliant scarlet flowers. 12 in.....	1/8 oz. \$1.25,	.25
patens. Rich blue, very beautiful. 2 ft. 1/8 oz. \$1.75,		.25
farinacea. Light blue flowers in great abundance, good for cutting. 3 ft.....	1/8 oz. 60c.,	.15
horminum violacea. Beautiful violet-blue, useful for bedding. 1 1/2 ft.....	1/4 oz. 75c.,	.15

SANVITALIA procumbens fl. pl. Beautiful dwarf,
hardy annuals for beds and borders, bright double
yellow flowers. 6 in..... 1/4 oz. 75c., .15



Muller-Sealey Company, Inc.

145 West 45th Street - New York

SAPONARIA

Pkt.

vaccaria. Splendid tall growing variety of branching habit. The light graceful sprays of glistening flowers are produced in great profusion; especially valuable for bouquets. 2½ ft.

Pale Rose..... ¼ oz. 25c., \$0.10

White..... ¼ oz. 35c., .10

calabrica. Small starry pink flowers, admirable for bedding or massing. 9 in..... ¼ oz. 25c., .10

SCABIOSA (Mourning Bride).

Charming, half-hardy annuals, extremely useful for cutting.

Azure Fairy.	Heavenly blue	Lilac
Black Purple		Rose
Fiery Scarlet		Yellow
Flesh Color		Pure White
Each of the above.....		Choice Mixed

..... ¼ oz. 50c., .10

SCHIZANTHUS.

Handsome, free flowering annuals, fine for beds and borders or for the greenhouse.

Garaway's Hybrids. A fine strain, unsurpassed for profusion of bloom, variety of color, and symmetry of habit..... 1-16 oz. \$2.00 .50

wisetonensis. The flowers are of various delicate shades of white, cream and rose. Choice mixed.... .25

wisetonensis, Pink Pearl. Glistening white, with rosy-pink margin to petals..... .50

retusus, Giant White. A magnificent strain, with large, white flowers, effectively blotched with bright golden yellow..... .25

retusus, Giant Pink Beauty. An exquisite shade of rose-pink..... .25

SCHIZOPETALON walkeri.

Elegant hardy annual with numerous white, almond-scented fringed flowers. 9 in..... .15

STATICE (Sea-lavender).

Pretty plants for beds or rockwork. 1½ ft.

sinuata, True Blue. Rich navy blue shading off to pale lilac, very fine..... ¼ oz. 75c., .20

sinuata Hybrids. A large-flowered type, with mauve-purple, white and primrose-yellow flowers..... .15

suworowii. Bright rose color; very fine..... .15

bonduelli. Bright yellow..... .15

STOCKS, Summer Flowering.

The seed we offer is saved from carefully selected plants by a leading European specialist.

Giant Perfection, Ten Weeks. One of the best varieties, forming splendid plants of pyramidal growth and branching habit.

Apple Blossom	Blood Red	Deep Blue
Light Blue	Pink	Rose
Snow White	Yellow	Mixed
Each, pkt. 20c., ⅛ oz. \$1.25		

Cut-and-Come-Again (Dresden Perpetual). A fine, early flowering perpetual variety; large spikes, excellent for cutting.

Carmine..... ⅛ oz. \$1.25, .20

Deep Blue..... ⅛ oz. \$1.25, .20

Silver-lilac (Empress Augusta Victoria)..... ⅛ oz. \$1.25, .20

Pure Rose..... ⅛ oz. \$1.25, .20

Fiery Blood Red..... ⅛ oz. \$1.25, .20

Gold Yellow..... ⅛ oz. \$1.25, .20

Light Copper..... ⅛ oz. \$1.25, .20

White (Princess Alice)..... ⅛ oz. \$1.25, .20

Choice Mixed..... ⅛ oz. \$1.25 .20



STOCKS—Continued

EARLY BLOOMING WINTER STOCKS OF NICE.

These Winter-flowering varieties are admirably suited for forcing in the greenhouse, producing long spikes of extremely double flowers. Pkt.

Almond Blossom.	White, shaded carmine.....	$\frac{1}{8}$ oz.	\$1.50,	\$0.25
Beauty of Nice.	Beautiful flesh pink.....	$\frac{1}{8}$ oz.	\$1.50,	.25
Blood Red.	.....	$\frac{1}{8}$ oz.	\$1.50,	.25
Light Pink.	.....	$\frac{1}{8}$ oz.	\$1.50,	.25
Queen Alexandra.	Lilac-rose.....	$\frac{1}{8}$ oz.	\$1.50,	.25
Light Blue.	.....	$\frac{1}{8}$ oz.	\$1.50,	.25
Monte Carlo.	Pure yellow.....	$\frac{1}{8}$ oz.	\$1.50,	.25
Violet.	.....	$\frac{1}{8}$ oz.	\$1.50,	.25
White Lady.	Pure white.....	$\frac{1}{8}$ oz.	\$1.50,	.25

MAMMOTH COLUMN FORCING STOCKS.

This excellent sort produces only one-stalked plants. The flower spikes grow erect and produce up to 20 flowers on one spike.

Pure White, Carmine, Dark Blue, Rose, Light Blue.	Each.....			1.00
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SUNFLOWER (*Helianthus*). Showy hardy annuals for borders, the smaller varieties are useful for cutting.

cucumerifolius.	Small, single rich yellow flowers.			
3 ft.....	Oz. 75c.,			.10
cucumerifolius stella.	Single, golden-yellow flowers, with black centers, fine for cutting.	4 ft..	Oz. \$1.00,	.10
macrophyllus giganteus.	Huge leaves and large single yellow flowers.	8 ft.....	Oz. 25c.,	.05
Orion.	A variety of Stella with twisted petals.	Oz. \$1.00,		.10
Red Hybrids.	Dark-centered, brilliant flowers banded with bright, chestnut-red, merging to yellow at the tips of the petals.	6 ft.....		.15
Double Californian.	Large, double yellow flowers.	5 ft.....	Oz. 50c.,	.05
Double Chrysanthemum-flowered.	Golden yellow flowers.	7 ft.....	Oz. 60c.,	.10

Giant Spencer Sweet Peas

CHOICE VARIETIES

The varieties listed below are undoubtedly the finest in their respective colors, and we highly recommend them to exhibitors. Pkt. Oz.

Avalanche.	Pure white, immense size in fours and fives on long stems.....	\$0.10	\$0.50
Blue Bell.	A vigorous grower of rich clear blue.	.15	.75
Blue Bird.	Bright blue.....	.10	.50
Bonfire.	The finest of the pink bicolors, the beautifully waved standards are bright cherry-pink wings cream, veined with pink.....	.10	.50
Burning Blaze.	Brilliant salmon orange.....	.15	.75
Cattleya Queen.	Rosy mauve, large, frilled flowers.....	.15	.75
Chieftain.	Rich pure satiny mauve.....	.15	.75
Daisy K. Elliott.	Pure white, with a broad band of bright rose.....	.10	.50
Donald McNaughton.	Salmon scarlet.....	.10	.50
Firebrand.	Flaming orange-cerise, the wings being deep cerise and the standards aflame with orange-scarlet.....	.15	.75
Florence K. Elliott.	Considered the finest all round Sweet Pea offered. Although this variety produces black seeds the flowers are of the purest white. The individual blooms are large and produced in great profusion in sprays of four, five, and often six flowers.....	.15	.75
Fortune.	A magnificent dark blue.....	.10	.50



SWEET PEAS—Continued

		Pkt.	Oz.
Gleneagles.	Beautiful lavender blue, large and well frilled.....	\$0.10	\$0.50
Gold Crest.	Beautiful orange salmon.....	.15	.75
Grenadier.	Large flower of a vivid shining scarlet color.....	.10	.50
Hebe.	Giant rose-pink.....	.10	.50
Highland Mary.	Pale rose-pink of immense size with extra long flower stems.....	.15	.75
Huntsman.	Magnificent scarlet.....	10	.50
Jack Hobbs.	Rich cream, flushed scarlet pink. Immense, frilled flowers.....	.10	.50
James R. K. Bannister.	An excellent variety of rich, pure purple.....	.15	.75
Lady of Fortune.	Lavender blue, beautifully frilled.....	.15	.75
Lily Elliott.	Purest white. Tremendous in size, growth and texture of flower.....	.10	.50
Mary Pickford.	Rosy-pink on cream, the flowers are large and well frilled.....	.10	.50
Matchless.	The finest cream colored variety...	.10	.50
Montrose.	Rose pink.....	.10	.50
Olympia.	Rich purple.....	.10	.50
Picture.	Flesh-pink, with a rosy flush, suffused apricot.....	.10	.50
Pinkie.	Rich rose pink.....	.10	.50
Powerscourt.	Lilac-lavender, flowers of immense size.....	.10	.50
Private Jack Smellie.	Bright rose, mammoth in size and a remarkably strong grower.....	.10	.50
Royal Sovereign.	Brilliant orange.....	.15	.75
Royal Scot.	Considered the best scarlet, does not burn in strongest sunshine.....	.10	.50
Salmon Queen.	A lovely salmon self.....	.10	.50
The Prince.	Brilliant crimson.....	.15	.75
Warrior.	Rich chocolate-maroon of gigantic size and perfect form.....	.10	.50
Welcome.	The most brilliant and dazzling scarlet Sweet Pea.....	.15	.75
Wembley.	A grand variety of soft lavender....	.10	.50

POPULAR STANDARD VARIETIES

		Pkt.	Oz.
Asta Ohn.	Beautiful, soft lavender.....	\$0.10	\$0.40
Barbara.	Superb salmon colored self.....	.10	.40
Captain of the Blues.	Fine purple.....	.10	.40
Charity.	Beautiful scarlet crimson.....	.10	.40
Countess Spencer.	Soft rose pink.....	.10	.40
Dobbies' Cream.	Fine, large deep primrose.....	.10	.40
Hawlmak Lavender.	Clear light lavender.....	.10	.40
Hawlmak Pink.	Rose pink, shaded salmon....	.10	.40
Hawlmak Maroon.	Best maroon.....	.10	.40
Hercules.	Magnificent soft rose pink.....	.10	.40
Jack Cornwall, V. C.	Deepest blue.....	.10	.40
King Edward Spencer.	Rich carmine scarlet....	.10	.40
King White.	Pure white, enormous flowers.....	.10	.40
Mrs. Cuthbertson.	Rose pink standards, white wings.....	.10	.40
Wedgwood.	Lovely self blue.....	.10	.40

SUPERB MIXTURE OF SPENCER SWEET PEAS
Oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50



WINTER-FLOWERING SWEET PEAS

	Pkt.	Oz.
Ball's Orange. Glistening orange.....	\$0.20	\$0.75
Blue Bird. A charming shade of blue.....	.20	.75
Blue Jacket. Rich navy blue.....	.20	.75
Burpee's Orange. Clear pure orange.....	.25	1.00
Charm. Rich rose pink.....	.25	1.00
Cheerful. Salmon cerise.....	.25	1.00
Eldorado. Bright light orange, a striking variety.	.25	1.25
Fire King. Fire-red or cerise-scarlet.....	.20	.75
Gilda Gray. A lovely shade of salmon-cerise....	.20	.75
Glitters. The standard is a bright fiery orange and the wings are deep orange.....	.20	.75
Giant Rose. Deep rose pink.....	.25	1.00
Harmony. Beautiful clear lavender.....	.20	1.00
Jeanne Mamitsch. Glowing rose pink.....	.25	1.00
Lavender King. Rich true deep lavender.....	.20	.75
Miss Louise Gude. Brilliant shell pink.....	.20	.75
Miss Spokane. Rich orange scarlet.....	.20	.75
Mrs. A. Searles. Rich cerise, shaded salmon orange.....	.25	1.00
Mrs. Herbert Hoover. Clear blue.....	.25	1.25
Mrs. Calvin Coolidge. Rich salmon pink.....	.25	1.00
Mrs. Kerr. Pleasing shade of rich salmon.....	.25	1.00
Mrs. W. G. Harding. Silvery blue.....	.25	1.00
Maroon Prince. Deep rich glowing reddish- maroon.....	.20	.75
Mauve Beauty. A pleasing shade of rosy-mauve.	.20	.75
Morse's Superior Pink. Glowing pink with a soft suffusion of salmon; large flowers.....	.25	1.00
Peerless Pink. Glowing cerise-pink standard and bright rosy-pink wings, suffused rich cream....	.25	1.00
Penrose. Pure clear rose.....	.20	.75
Pink Profusion. Sparkling rich pink.....	.25	1.00
Red Bird. Bright crimson red with a velvet sheen of tyrian rose; very large blooms.....	.25	1.50
Rose Queen. Fine, light rose-pink.....	.20	.75
Silver King. Light Campanula blue.....	.25	1.50
Snowstorm Improved. Pure white.....	.20	.75
Sunburst Improved. Rich salmon pink.....	.20	.75
Sunray. Rich orange scarlet.....	.25	1.00
Valencia. Fine orange, one of the best.....	.25	1.50
White Harmony. Large, pure white.....	.25	1.50
White Star. A first class white variety.....	.20	.75
Yarrawa. Bright rose pink with a creamy base..	.20	.75
Zvolanek's Rose. Deep pink.....	.20	.75

	Pkt
TAGETES signata pumila. Profuse blooming, bedding annual; flowers bright yellow; height 1 ft. $\frac{1}{4}$ oz. 50c., \$0.10	
TITHONIA speciosa (Mexican Sunflower). Tall, growing plant with rich orange red flowers of a very telling color; invaluable for clumps in the tall border. Half hardy annual. Height 6 ft..... $\frac{1}{4}$ oz. \$1.00	.20
TORENIA. Beautiful, free flowering, tender annuals, fine for vases, baskets, etc. 12 in.	
bailloni. Deep yellow, with purple throat .....	.25
fournieri grandiflora. Light blue, with dark blue spots and yellow throat.....	.25
fournieri, White Wings. Blush-white with yellow throat, striking and beautiful.....	.25
VISCARIA cardinalis. Showy, hardy annuals, with cup shaped magenta flowers. 12 in..... $\frac{1}{4}$ oz. 50c.,	.15



Pkt.

VERBENA. Showy, half hardy annuals.

Mammoth Blue	.....	$\frac{1}{4}$ oz.	75c.,	\$0.15
Mammoth Pink	.....	$\frac{1}{4}$ oz.	75c.,	.15
Mammoth Purple	.....	$\frac{1}{4}$ oz.	75c.,	.15
Mammoth Yellow	.....	$\frac{1}{4}$ oz.	75c.,	.15
Mammoth White	.....	$\frac{1}{4}$ oz.	75c.,	.15
Mammoth Helen Willmott. Bright salmon rose with white eye. Very fine.....	$\frac{1}{4}$ oz.	\$1.25,		.20
Mammoth Rose Queen. Large blooms of a lovely delicate rose color.....				.25
Mammoth Scarlet Queen. Vivid scarlet, with large and distinct white eye, a striking color.....				.25
Mammoth Choice Mixed	$\frac{1}{4}$ oz.	60c.,		.10
Verbena drummondii. An admirable variety with flowers of a beautiful rosy mauve color.....				.25

VINCA

alba pura. Pure white.....	$\frac{1}{4}$ oz.	75c.,		.15
alba rosea. White with crimson eye.....	$\frac{1}{4}$ oz.	75c.,		.15
rosea. Rose.....	$\frac{1}{4}$ oz.	75c.,		.15
Choice Mixed	$\frac{1}{4}$ oz.	60c.,		.15

WALLFLOWER, Annual Paris. This annual, if started early in heat, will bloom the same season.

Light Brown	Blood Red
Creamy White	Golden Yellow

Each, pkt. 15c., $\frac{1}{4}$ oz. 60c.,

DOUBLE ANNUAL WALLFLOWER "Early Wonder"

This splendid variety has been obtained by crossing the popular double Wallflower with the Paris annual variety, and it has inherited from the latter the quality of flowering within four to five months after sowing. "Early Wonder" reaches a height of 2 to 2½ feet and its strong, long main spike is thickly covered with large double blossoms. All the colors known among Double Wallflowers are to be found in this new class. Highly recommended for forcing. **Pkt. 50c.**

WHITLAVIA grandiflora. Pretty, hardy annuals with bell shaped flowers.

Blue Each, $\frac{1}{4}$ oz. 40c., pkt. 15c. **White**

ZINNIAS, M.-S. Co.'s Improved Giant Double

Giant Bright Rose	Giant Buttercup
Giant Burnt Orange	Giant Canary Yellow
Giant Crimson	Giant Deep Flesh
Giant Purple	Giant Deep Salmon-rose
Giant Light Salmon-rose	Giant Scarlet
Giant Shrimp Pink	Giant White
Giant Apricot Orange	Giant Lavender
Giant Violet	Giant Choice Mixed

Each of the above colors and mixed, pkt. 20c.,
 $\frac{1}{4}$ oz. 60c.

GIANT DAHLIA-FLOWERED ZINNIAS.

Crimson Monarch. The largest and best of the red shades.....	$\frac{1}{8}$ oz.	50c.,	.25
Dream. Fine deep lavender.....	$\frac{1}{8}$ oz.	50c.,	.25
Exquisite. Beautiful light rose.....	$\frac{1}{8}$ oz.	50c.,	.25
Golden State. A very rich orange yellow.....	$\frac{1}{8}$ oz.	50c.,	.25
Polar Bear. Large, pure white.....	$\frac{1}{8}$ oz.	50c.,	.25
Oriole. Orange and gold.....	$\frac{1}{8}$ oz.	50c.,	.25
Purple Prince. Fine purple.....	$\frac{1}{8}$ oz.	50c.,	.25
Lemon Beauty.	$\frac{1}{8}$ oz.	50c.,	.25
Old Rose.	$\frac{1}{8}$ oz.	50c.,	.25
Choice Mixed	$\frac{1}{8}$ oz.	50c.,	.25

DWARF DOUBLE ZINNIAS.

Bright Scarlet	Golden Orange
Salmon Rose	Pure White
Dark Scarlet	Choice Mixed

Each of above colors, pkt. 15c., $\frac{1}{4}$ oz. 50c.

EARLY WONDER ZINNIA. The first of a new race of dwarf early flowering Zinnias. The color is a fiery salmon cerise pink. Height 12 to 15 in.....

.25

HAAGEANA ZINNIA. A dwarf, compact variety growing 9 to 10 in. high, and bearing masses of double flowers 1½ in. through in a most unusual range of colors.....

$\frac{1}{4}$ oz. 75c., .20

CLIMBERS

Pkt.

ADLUMIA cirrhosa (Mountain Fringe). A hardy biennial climber, with beautiful dark rose flowers and delicate foliage.....	\$0.20
CARDINAL CLIMBER. A beautiful annual climber of rapid growth, with fern-like foliage. The flowers are of a fiery cardinal red color and borne in clusters. .	.25
COBAEA scandens. Well-known, tender perennial climber, with large, bell-shaped flowers.	
<i>scandens, Blue</i> $\frac{1}{4}$ oz. 35c.,	.10
<i>scandens, White</i> $\frac{1}{4}$ oz. 60c.,	.20
CYPRESS VINE (Ipomoea Quamoclit). A graceful, twining annual with feathery, dark-green foliage and star-like flowers. Mixed colors.....	.10
DOLICHOS lablab (Hyacinth-bean). A rapid-growing annual climber, bearing pea-shaped, purple blossoms and ornamental seed pods.....	Oz. 50c., .10
ECHINOCYSTIS lobata (Wild Cucumber Vine). One of the quickest growing annual vines. The foliage is large and of a rich green color....	Oz. 50c., .10
GOURDS, Ornamental	
Apple-shaped. Small fruit, striped yellow and green.	
Oz. 50c.,	.10
Bottle-shaped. Fruit yellowish-white, dark green circles.....	Oz. 50c., .10
Calabash. The stem ends of the fruits are used for making pipes.....	Oz. 50c., .10
Dipper Shaped	Oz. 50c., .10
Dishcloth (Chinese Luffa, or Sponge Gourd) .	Oz. 50c., .10
Hercules Club. Long green fruits.....	Oz. 50c., .10
All Varieties Mixed	Oz. 50c., .10
HUMULUS japonicus (Japanese Hop). Rapid growing annual climber, green foliage.....	$\frac{1}{4}$ oz. 30c., .10
japonicus variegatus. Variegated foliage.	$\frac{1}{4}$ oz. 30c., .10
IPOMOEA	
purpurea (Convolvulus major). (Morning-glory). Strong annual climbers of easy culture. Choice mixed.....	Oz. 25c., .10
imperialis (Japanese Morning-glory). The flowers are very large and of great variety of colors. Choice mixed.....	Oz. 50c., .10
Bona Nox (Evening Glory). Large, blue flowers open in the evening.....	Oz. 60c., .10
coccinea. Bright scarlet flowers.....	Oz. 60c., .10
noctiflora alba (Moonflower). Rapid climber, fragrant white flowers.....	Oz. \$1.00, .10
Heavenly Blue. Immense flowers of bright sky-blue.	$\frac{1}{4}$ oz. 60c., .15
setosa (Brazilian Morning-glory). Bright, rose flowers, large leaves.....	$\frac{1}{4}$ oz. 35c., .10
KENILWORTH IVY (Linaria Cymbalaria). A perennial trailing plant with violet flowers, useful for hanging baskets, etc.....	.15
LOPHOSPERMUM scandens. An exceedingly handsome half-hardy climber, with large pink flowers...	.15
MAURANDIA barclayana. Greenhouse perennial climber with tube-shaped purple flowers.....	.20
MINA lobata. The buds are orange-red, changing to creamy white when fully expanded. Half-hardy annual.....	.15
PASSIFLORA caerulea (Passionflower). Greenhouse perennial climber with exquisite blue flowers.....	.20
THUNBERGIA. Elegant climber for greenhouses, suspended baskets, and sunny positions in the open.	
Choice Mixed Colors $\frac{1}{4}$ oz. 50c.,	.15
TROPAEOLUM canariense (Canary creeper). Half-hardy annual with bright yellow flowers..	Oz. 60c., .10



PERENNIALS and BIENNIALS



NE of the most interesting spots in any garden is the border devoted to hardy perennials, usually called "the old-fashioned" or "grandmother's garden." Their permanent nature and delightful forms and color, their wealth of blooms and continuous display throughout the year are good reasons why perennials are general favorites with everybody.

Some professional gardeners and many amateurs prefer to raise their own hardy flowers from seed, and we think, much of the real excitement and joy in gardening is afforded in tending and nursing the little mites from babyhood. The following list is fairly representative of the choicest and rarest as well as the best old-fashioned flowers available today. Complete catalog of Perennial Plants mailed free on request.

Varieties marked with a (*) are particularly adapted for Rock Gardens

Pkt.

*ACANTHUS mollis.	Stately hardy plant with large, decorative leaves, flowers white; July and August.	
3 ft.	.....	1/4 oz. 50c. \$0.15
*ACHILLEA ptarmica, "The Pearl."	Valuable perennial, blooming all Summer; pure white clusters of flowers on long stems. 1 1/2 ft.	..... 1-16 oz. \$1.00. .25
ACONITUM (Monkshood).	Hardy perennials with showy spikes of hood-shaped flowers; invaluable for planting in shady beds or borders.	
napellus.	Dark blue flowers, August and September.	
3 ft.	.....	1/8 oz. 75c. .15
wilsoni.	Light blue flowers in large trusses, very late.	
4 ft.	.....	1/8 oz. \$1.50. .25
ADONIS vernalis (Ox-Eye).	Bright yellow. Spring-blooming. 1 ft.	..... .15
AGROSTEMMA hybrida walkeri.	Brilliant rosy-purple flowers. 2 ft.	..... 1/8 oz. \$1.00. .20
*ALYSSUM saxatile compactum (Gold Dust).	Valuable Spring flowering perennial of spreading growth, bearing a profusion of bright yellow flowers. 9 in.	
		..... 1/8 oz. 50c. .15
ANCHUSA italicica, "Dropmore Variety."	An improved type, vigorous plant with large flowers of a beautiful shade of gentian blue. June to September.	
1 1/2 ft.	.....	1/8 oz. 50c. .20
myosotidiflora.	A distinct species producing masses of Forget-me-not-like flowers during May. 1 ft..	
		.25
*ANEMONE pulsatilla (The Pasqueflower).	A beautiful species with violet flowers, thriving best in dry situations and rockeries. 8-12 in.	
		.15
St. Brigid.	A beautiful strain of Anemone, producing large double, semi-double and single flowers in a great variety of striking colors. Easily raised from seed.	
		.25
ANTHEMIS tinctoria kelwayi.	Improved strain, with bright yellow, Daisy-like flowers. June to September. 1 1/2 ft.	..... 1/8 oz. 60c.. .15
AQUILEGIA (Columbine).		
Mrs. Scott Elliott's Long-spurred Hybrids.	Magnificent hybrids in the greatest variety of colors and shades. One of the finest strains.	
2 ft.	..... 1/8 oz. \$1.50,	.50
chrysanthia.	Golden yellow. 3 ft.	..... 1/8 oz. \$1.00, .15
chrysanthia alba.	Pure white. 3 ft.	..... 1/8 oz. \$1.25, .25
*caerulea.	Pale blue and white flowers. 3 ft.	
		..... 1/8 oz. \$1.50, .25
skinneri (Mexican Columbine).	Scarlet and yellow flowers, long spurs. 2 1/2 ft.	..... 1/8 oz. \$1.25, .25



Pkt.

*ARABIS alpina (Rock Cress). Hardy, early blooming perennial with pure white flowers, most useful for rockeries or edgings. 6 in.....	$\frac{1}{4}$ oz. 50c., \$0.10
ASCLEPIAS tuberosa . A fine perennial with umbels of brilliant orange red flowers. 2 ft.....	.25
ASTERS (Michaelmas Daisy). Showy, hardy perennials, and if sown in early Spring will bloom the same year.	
Choice Mixed Colors	$\frac{1}{8}$ oz. \$1.00, .20
"Farreri." Violet mauve with a large, golden orange disc; the flowers measure 2½-3 in. across.....	.50
AUBRIETIA . Strong, Spring-flowering plants, suitable for rockeries. 4 in.	
*purpurea . Deep purple.....	.25
*deltoides . Lilac, very pretty.....	.25
*leichtlini . Rosy-red, a charming variety.....	.25
AURICULA (<i>Primula auricula</i>). Early flowering garden Primroses, beautiful shades of color. 6 in.....	.25
BAPTISIA australis (False Indigo). Vigorous plant with spikes of pea-shaped blue flowers. 6 in. in length. June and July. 2½ ft.....	$\frac{1}{4}$ oz. \$1.00, .15
*BELLIS perennis fl. pl. (English Daisy).	
Giant Dark Rose	$\frac{1}{8}$ oz. \$1.50, .25
Giant Light Rose	$\frac{1}{8}$ oz. \$1.50, .25
Giant White	$\frac{1}{8}$ oz. \$1.50, .25
Giant Mixed	$\frac{1}{8}$ oz. \$1.25, .25
BOCCONIA japonica (Plume Poppy). Ornamental hardy perennial, fine in large beds; flowers white. July and August. 6 ft.....	$\frac{1}{4}$ oz. 60c., .15
BOLTONIA asteroides . Showy perennials, closely resembling hardy Asters, flowers pure white. August and September. 6 ft.....	.25
latisquama . Flowers pink, tinged with lavender. August and September. 5 ft.....	.25

CAMPANULA (Bellflower). Popular and beautiful plants, with large, bell-shaped flowers of exquisite colors.

Perennial Varieties

*carpatica . Dwarf, compact variety, flowers clear blue, fine for rockeries. 8 in.....	$\frac{1}{4}$ oz. 75c., .15
*carpatica alba . Dwarf, pure white.....	$\frac{1}{4}$ oz. \$1.00, .15
grandis . Large blue, suitable for shady places...	.25
nobilis . Long, light purplish flowers. July. 2 ft...	.25
persicifolia grandiflora , Blue. Large, bright flowers; one of the finest. June and July. 2 ft.....	.25
persicifolia grandiflora alba . Snow white flowers.	.25
persicifolia , "Telham Beauty." Large, globular flowers of a lovely China blue. July. 2 ft.....	.50
pyramidalis (Chimney Bellflower). Stately plants, producing large, blue flowers, for garden or pot culture. 4 ft.....	.20
pyramidalis alba . Pure white, form of the above,	.20
media (Canterbury-bells). Well-known biennials, bearing a profusion of bell-shaped flowers; very effective for borders and pot culture.	

Single Blue
Single Rose

Single Lilac
Single White

Single Mixed

Each, pkt. 10c., $\frac{1}{4}$ oz. 60c.

Double Blue
Double White

Double Rose
Double Mixed

Each, pkt. 15c., $\frac{1}{4}$ oz. \$1.00

calycanthema (Cup-and-saucer Varieties). Large, semi-double flowers, resembling a cup and saucer.

Blue
Rose

Choice Mixed

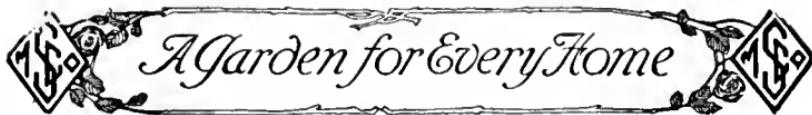
Lilac
White

Each, pkt. 15c., $\frac{1}{4}$ oz. \$1.50



Pkt.

CANDYTUFT (<i>Iberis sempervirens</i>). Early blooming hardy perennials, valuable for rock ledges, borders, banks, etc.	
* sempervirens . Pure white flowers and deep green evergreen foliage. 1 ft.....	1/4 oz. \$1.75
gibraltarica . White, shaded with pink. 1/8 oz. 75c.,	.25
CARNATIONS, Hardy . Highly esteemed and beautiful plants, blooming profusely during May and June, excellent for cutting. 1 to 2 ft.	
Chabaud's Everblooming . Blooms in five months after being sown, and continues to produce its splendid double flowers in the greatest profusion indefinitely. Mixed colors.....	.25
Giant Nice . Superb double flowers, sweet-scented,	.25
CARNATIONS, Giant Marguerite . A beautiful race with fringed double flowers, blooming within six months from time of sowing.	
Red.....	.25
White.....	.25
Yellow.....	.25
Choice Mixed.....	.25
CATANANCHE caerulea . Beautiful blue flowers. June to August. 2 ft.....	.15
CENTAUREA montana, Blue . Large, deep purple flowers. July and August. 2 ft.....	.15
montana alba . Pure white.....	.20
ruthenica . Deep yellow. 4 ft.....	.25
* CERASTIUM tomentosum (Snow-in-summer). Pretty silver-leaved trailing perennial, valuable for edgings and rockeries. 4 in.....	.20
* CHEIRANTHUS allioni (Siberian Wallflower). Showy rock plants with bright orange flowers blooming all Summer. 1 ft.....	1/4 oz. \$1.00,
CHELONE barbata . Hardy perennial of Pentstemon-like habit, producing long racemes of scarlet flowers; 3 ft.....	.15
torreyi . Brick red. 3 ft.....	.15
CHRYSANTHEMUM maximum (Shasta Daisy). Large, free blooming variety, flowers white. 2 ft...	.15
maximum King Edward VII . Pure white, yellow center, very handsome. 3 ft.....	.25
COREOPSIS (Perennial Calliopsis). One of our finest hardy perennials. Fine for bouquets.	
grandiflora . Large, rich yellow flowers.. 1/4 oz. 50c.,	.10
lanceolata . Rich golden yellow flowers.. 1/4 oz. 60c.,	.15
Mayfield Giant . This very fine Coreopsis is a considerable advance on any strain yet introduced. It produces a taller and more vigorous plant than the older varieties with longer and firmer stems and larger individual blooms, of which the ray petals are broader and form a more perfect corolla.....	.50
* COWSLIP (<i>Primula officinalis hybrida</i>). Popular Spring-flowering plants, adapted to shady places. 6 in.	
Choice Mixed.....	.25
CUPHEA platycentra (Cigarplant). A half hardy perennial adapted for bedding, or as a pot plant, small scarlet and black tubular flowers. 1 ft.....	.25
CYNOGLOSSUM, Sutton's Blue Gem . An early flowering biennial producing large sprays of brilliant blue Forget-me-not like flowers. 1 1/2 ft.....	.50
DELPHINIUM (Perennial Larkspur).	
Wrexham Strain . This strain is considered the largest and best in Delphiniums. The blooms are of immense size, ranging in color from white and lavender through every shade of blue.....	1-16 oz. \$2.50,
Kelway's Show . The seed we offer has been saved by Messrs. Kelway from their celebrated collection of named varieties.....	1/8 oz. \$1.50,
belladonna . Enormous spikes of large single flowers of a clear turquoise blue. 4 ft.....	1/8 oz. \$1.25,
belladonna, Cliveden Beauty . An improved and beautiful variety with long spikes of large, sky-blue flowers. 4 ft.....	.50



DELPHINIUM—Continued

Pkt.

belladonna, Fanny Stormonth.	New light blue.	\$0.50
formosum.	Rich dark blue with white eye. 3 ft....	
	$\frac{1}{4}$ oz. \$1.50,	.15
elatum, "Iceberg."	This is the first white perennial Delphinium which comes true from seed. It grows 48 in. high and the 20 in. long spikes are thickly covered with large, pure white blooms.....	.50
*DIANTHUS deltoides "Brilliant."	An improved form of the "Maiden Rock Pink." The plants are literally covered with tiny flowers of a rosy-crimson color. Invaluable for rockeries. 6-9 in.....	.25
*deltoides (Maiden Pink).	Crimson.....	.25
deltoides.	White.....	.25
*plumarius, Miss Gladys Cranfield.	A lovely single "Pink"; flowers bright rose, with velvety crimson eye; very fragrant.....	.50
plumarius.	Single mixed.....	.20
	Double Mixed.....	.25
plumarius "Cyclops."	A remarkable strain of Single Pinks producing throughout the Summer large, sweet-scented flowers of every shade from pure white to pink and rich crimson.....	.25
**allwoodi.	Produces an abundance of flowers from Spring to Autumn in various charming shades of color, deliciously fragrant.....	.50
DICTAMNUS fraxinella (Gasplant).	Hardy perennial with handsome spikes of reddish flowers. 3 ft....	.25
DIGITALIS (Foxglove).	The tall flower spikes of these popular perennials are particularly handsome when grown among shrubbery.	
gloxinioides.	Purple.....	$\frac{1}{4}$ oz. 50c., .10
Rose.	.....	$\frac{1}{4}$ oz. 50c., .10
White.	.....	$\frac{1}{4}$ oz. 50c., .10
Mixed.	.....	$\frac{1}{4}$ oz. 50c., .10
grandiflora.	Chrome-yellow.....	$\frac{1}{4}$ oz. 50c., .10
"The Shirley."	A magnificent strain producing plants 5-7 feet high with spikes 4 feet long, carrying flowers of great size, ranging from white to dark rose, blotched and spotted crimson, maroon, and chocolate.....	$\frac{1}{4}$ oz. \$1.50, .25
ECHINOPS ritro.	A hardy perennial with blue, thistle-like flowers; fine for bees. 3 ft.....	.15
EDELWEISS (Gnaphalium leontopodium).	Interesting white leaved plant. 6 in.....	.25
EREMURUS robustus.	Stately plants with long spikes of flesh-pink flowers. 8 ft.....	.25
ERIGERON speciosus.	Pale mauve flowers, gold centers. 1½ ft.....	.10
*ERINUS alpinus.	A charming Spring-flowering plant with pale purple flowers. 2 in.....	.50
ERYNGIUM giganteum.	(Silver Thistle). Ornamental hardy perennial, blue flowers. 4 ft.....	.25
ERYSIMUM linifolium.	Also known as Cheiranthus linifolius. This charming hardy biennial which can be treated as an annual, is of low spreading habit with clear mauve Wallflower like flowers.....	.25
EUPATORIUM fraseri.	Hardy perennials with clusters of white flowers; fine for cutting. 2 ft.....	.15
GAILLARDIA Kelway's Hybrids.	An improved strain producing enormous flowers. Choice mixed.	
	$\frac{1}{4}$ oz. 75c., .20	
Portola Hybrids.	A fine strain with broad petaled flowers, ranging through shades of bronzy red with gold tipped petals.....	.50
Burgundy.	The shining wine red flowers about 2½ in. in diameter are produced liberally on long stems...	.50
Torchlight.	The flowers are golden yellow with a rich maroon red center and often measure 5 in. across..	.50
grandiflora.	Large, pure yellow flowers..	$\frac{1}{4}$ oz. 40c., .10
GENTIANA acaulis (Blue Gentian).	Intense, blue, bell-shaped flowers, suited to moist and shady situations. 6 in.....	.15



Pkt.

*GEUM coccineum fl. pl., Mrs. J. Bradshaw.	Handsome variety with large, double, bright scarlet flowers in bloom all Summer. 1½ ft.....	\$0.25
*Lady Stratheden.	Rich golden yellow, a counterpart in all other respects to Mrs. Bradshaw.....	.50
GILIA coronopifolia.	Half-hardy biennial giving long spikes of brilliant scarlet-crimson flowers interspersed with fine Larkspur-like foliage. A very striking plant. 4 ft.....	.25
GRASSES, Ornamental		
Arundo Donax (Giant Reed).	Tall variety with green leaves. 15 ft.....	.10
Erianthus Ravennae (Plume Grass).	Fine silvery plumes. 8 ft.....	.10
Eulalia japonica.	Long, dark green leaves. 6 ft....	.15
Eulalia zebra (Zebra Grass).	Dark green leaves, barred with creamy white.....	.15
Gynerium argenteum (Pampas Grass).	Long silvery plumes. 10 ft ..	.10
	For Annual Varieties, see page 19.	
GYPSOPHILA paniculata.	Small, white flowers, fine for bouquets. 2 ft.....	¼ oz. 50c., .10
paniculata fl. pl. "Snow White."	Pure white, producing a larger percentage of double flowers than the old type.....	.25
repens.	A dwarf trailing variety suitable for rockeries; it has pinkish-white flowers, and is a continuous bloomer. 6 in.....	.15
HELENIUM autumnale superbum.	Late flowering, hardy perennials, broad heads of golden yellow flowers; 5 ft.	⅓ oz. \$1.00, .25
Bigelow.	Rich yellow with brown disc. 4 ft.....	.20
Riverton Gem.	A fine variety, flowers opening old gold, changing as they mature to Wallflower red. 3 ft.....	.25
HELIOTROPE.	These favorite greenhouse and bedding plants are highly valued for their sweet-scented flowers. 1½ ft.	
Lemoine's Giant Mixed.	.....	.25
*HEUCHERA sanguinea.	Charming, dwarf hardy perennial with spikes of coral red flowers. July and August. 1 ft.....	.25
HIBISCUS moscheutos (Swamp Mallow).	Striking plants producing flowers like single Hollyhocks, but much larger; excellent for moist situations. July to September. 4 ft.	
albus.	Pure white.....	¼ oz. 75c., .15
roseus.	Pink.....	¼ oz. 75c., .20
HOLLYHOCK.		
"Exquisite."	A fine strain producing very large flowers, beautifully curled and fringed, each petal being margined white and having a striking blotch. Colors, light and dark rose, carmine-rose, violet, and dark purple.....	.50
Chater's Double, Crimson	.....	¼ oz. \$1.00, .20
Rose	.....	¼ oz. \$1.00, .20
Salmon Rose	.....	¼ oz. \$1.00, .20
Sulphur Yellow	.....	¼ oz. \$1.00, .20
Maroon	.....	¼ oz. \$1.00, .20
White	.....	¼ oz. \$1.00, .20
Mixed	.....	¼ oz. \$1.00, .20
Single Hollyhocks.	Single Hollyhocks are well worthy of more extensive cultivation.	
Red, White, Rose, Yellow and Mixed	.....
	Each, ¼ oz. 75c., .10	
HONESTY (<i>Lunaria biennis</i>).	Hardy biennial with silvery seed vessels, valuable for Winter decorations. 2 ft.....	.15
INCARVILLEA delavayi.	Large, rich rose Begonialike flowers with deep yellow throats produced all through the Summer 2½ ft.....	.25

Pkt.

LANTANA <i>hybrida</i> .	Shrubby half-hardy bedding plant. Choice mixed.....	\$0.20	
LATHYRUS <i>latifolius</i> (Perennial Pea).	Beautiful hardy perennial climbers of rapid growth.		
Choice Mixed Colors.....	Oz. \$1.00,	.10	
*LAVENDER (<i>Lavendula vera</i>).	Ornamental plant bearing long spikes of fragrant blue flowers. 1½ ft.	.15	
LEMON VERBENA (<i>Aloysia citriodora</i>).	Tender perennials with fragrant evergreen leaves.....	.15	
LINUM			
<i>flavum</i> .	Golden yellow. 1 ft.....	.25	
<i>perenne</i> .	Blue. 1½ ft.....	1/4 oz. 50c., .10	
<i>perenne</i> .	White. 1½ ft.....	1/4 oz. 50c., .10	
LOBELIA <i>cardinalis</i> (Cardinal Flower).	Succeeds best in moist situations, flowers scarlet. August to October. 2 ft.....	.25	
LUPINUS (Lupine).	Hardy and effective Spring flowering plants, with long spikes of pea-shaped flowers.		
<i>polyphyllus</i> , Blue.....	Oz \$1.00,	.10	
Rose.....	1/4 oz. 50c.,	.15	
White.....	Oz. \$1.00,	.10	
Choice Mixed.....	Oz. 75c.,	.10	
<i>moerheimi</i> .	A beautiful variety of rather dwarf habit, long spikes of pink and white flowers.....	.25	
<i>arboreus</i> (Tree Lupine).	Bright yellow flowers; bushy habit. 4 ft.....	1/4 oz. 75c., .25	
<i>arboreus</i> Snow Queen.	Pure white Tree Lupine...	1/4 oz. 75c., .25	
Harkness Gold Medal "Regal" Lupines.	Named varieties. See Specialties .		
LYCHNIS.	Handsome, hardy perennials with brilliantly colored flowers. Excellent for borders.		
<i>arkwrighti</i> .	Handsome new hybrids, including many distinct and attractive shades of color.....	.25	
<i>chalcedonica</i> .	Scarlet. 2 ft.....	.15	
White.	2 ft.....	.15	
<i>haageana</i> Hybrids Mixed.	Large flowering type, many fine colors. 2 ft.....	.15	
LYTHRUM <i>roseum superbum</i> .	Erect spikes of rose-colored flowers. July to September. 4 ft.....	.15	
MECONOPSIS <i>cambrica</i> (The Yellow Welsh Poppy).	Showy variety with pale yellow flowers; fine for rock-work.....	.50	
<i>baileyi</i> .	Sky blue flowers with golden anthers.....	.50	
MIMULUS <i>cardinalis</i> .	Large scarlet flowers. 1 ft...	.20	
<i>tigrinus</i> .	Tigered and spotted flowers.....	.20	
<i>moschatus</i> .	Yellow, fragrant foliage.....	.20	
MYOSOTIDEUM <i>nobile</i> .	Known as the New Zealand Giant Forget-me-not, bearing large corymbs of beautiful blue flowers, edged white. Height 1½ ft..	1.00	
MYOSOTIS (Forget-me-not).	These dainty little flowers love cool, moist soils, and bloom freely in Spring and Fall. They make beautiful close borders or edgings.		
<i>alpestris Victoria</i> .	Bright blue. 6 in. 1/4 oz. \$1.50,	.25	
Victoria.	White. 6 in.....	1/4 oz. \$1.50,	.25
Victoria.	Rose. 6 in.....	1/4 oz. \$1.50,	.25
Victoria.	Indigo blue. 6 in.....	1/4 oz. \$1.50,	.25
<i>dissitiflora</i> .	Large, rich blue, excellent for pots. 9 in.....	.25	
<i>palustris semperflorens</i> .	Large, blue flowers, blooms from Spring until late in the Autumn. 9 in.....	.25	
<i>Ruth Fischer</i> .	Large pale blue; 6 in.....	.25	
OENOTHERA (Evening Primrose).			
<i>fraseri</i> .	Fine variety with large yellow flowers. 1½ ft.	.15	
<i>youngi</i> .	Showy variety producing bright yellow flowers the entire Summer. 3 ft.....	.15	



M.-S. Co.'s CHOICE PANSIES

Our strains are saved from very choice selections and cannot be surpassed. Pkt.

M.-S. CO.'S GIANT EXHIBITION.	Perfected strain, saved only from the largest and best shaped flowers, unparalleled for form and colorings, handsomely marked and of great substance.....	$\frac{1}{8}$ oz.	\$3.00,	\$1.00
Masterpiece.	Curled, wavy petals— splendid colors, very distinct.....	$\frac{1}{8}$ oz.	\$1.00,	.25
Triumph of the Giants.	An excellent strain with exceptionally large, beautifully frilled and waved flowers.....	$\frac{1}{8}$ oz.	\$1.50,	.25
Trimardeau, Giant Mixed.	.....	$\frac{1}{4}$ oz.	\$1.00,	.20

Giant Pansies in Separate Colors Pkt.

Bronze Colored.	.....	$\frac{1}{4}$ oz.	\$1.50,	\$0.20
Cardinal.	Brilliant red, very fine.....	$\frac{1}{4}$ oz.	\$1.50,	.20
Emperor.	Light blue.....	$\frac{1}{4}$ oz.	\$1.50,	.20
Golden Queen.	Pure yellow.....	$\frac{1}{4}$ oz.	\$1.50,	.20
King of the Blacks.	Almost black, very effective.....	$\frac{1}{4}$ oz.	\$1.50,	.20
Lord Beaconsfield.	Purple-violet, shading to light blue.....	$\frac{1}{4}$ oz.	\$1.50,	.20
Psyche.	Violet, bordered white.....	$\frac{1}{4}$ oz.	\$2.25,	.25
President Carnot.	Pure white petals with a deep blotch.....	$\frac{1}{4}$ oz.	\$2.25,	.25
Snowflake.	Pure satiny white.....	$\frac{1}{4}$ oz.	\$1.50,	.20
Fairy Queen.	Azure blue, white edge.....	$\frac{1}{4}$ oz.	\$1.50,	.20
Prince Bismarck.	Light brown shades.....	$\frac{1}{4}$ oz.	\$1.50,	.20
Prince Henry.	Large dark blue.....	$\frac{1}{4}$ oz.	\$1.50,	.20

Giant Early-Flowering Pansies

This remarkable new race of Pansies flowers fully six weeks earlier than the other varieties. Pkt.

Celestial Queen.	Sky-blue.....	$\frac{1}{4}$ oz.	\$1.50,	\$0.20
Ice King.	Silvery white with dark blue eye.....	$\frac{1}{4}$ oz.	\$1.50,	.20
March Beauty.	Dark velvety purple.....	$\frac{1}{4}$ oz.	\$1.50,	.20
Winter Sun.	Golden yellow with dark eye.....	$\frac{1}{4}$ oz.	\$1.50,	.20

TUFTED PANSIES. See **Viola.** Page 40.

PENTSTEMON.	Showy, half-hardy perennials producing large spikes of bell-shaped flowers. Large flowering hybrids mixed.....	.25
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PHLOX decussata.	Large heads of finely colored flowers. 3 ft.....	.25
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PHYSALIS francheti (Chinese Lantern Plant).	The fruit is deep red in color and enclosed in balloon-shaped husks of brilliant orange-red. Very attractive for indoor Winter decoration. 2 ft.....	.15
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PLATYCODON (Wahlenbergia).	Handsome hardy perennials, bearing large, bell-shaped flowers in great profusion. May to October. 2 ft.	
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grandiflora.	Deep blue.....	.15
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grandiflora alba.	Pure white.....	.15
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*POLEMONIUM (Jacob's Ladder).		
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caeruleum grandiflorum.	Hardy perennial with clusters of blue flowers. 2 ft.....	.15
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caeruleum grandiflorum album.	Pure white.....	.15
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POLYANTHUS (Primula elatior).	Fine, Spring blooming hardy perennials desirable for bedding out in Spring or for Winter flowering in the conservatory.	
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Munstead Strain.	A magnificent strain, producing wonderful shades of yellow as well as pure white flowers.....	$\frac{1}{8}$ oz.	\$2.00,	.50
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Gold Laced.	Brilliant colored flowers with distinct yellow edges.....	.20
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Fancy Varieties, Mixed.20
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POPPY (Papaver).	Pkt.
nudicaule (Iceland Poppy). The delicate form and bright colors of this beautiful class render them very desirable as border plants. 1 ft.	
Tangerine. Beautiful, fiery orange of great size... \$0.25	
Single White $\frac{1}{4}$ oz. \$1.00, .15	
Single Orange-scarlet $\frac{1}{4}$ oz. \$1.00, .15	
Single Yellow $\frac{1}{4}$ oz. \$1.00, .15	
Single Orange Brilliant. Large flowers of a brilliant orange color..... .25	
Single Mixed $\frac{1}{4}$ oz. \$1.00, .15	
Baker's Sunbeam. Award of Merit, R. H. S. A new race of Perennial Poppies resembling the Iceland Poppy but in length of stem, size of flower and robust habit they are far in advance of this well-known type.	
Choice Mixed Colors..... .25	
orientale (Braeteatum). Orange scarlet $\frac{1}{4}$ oz. 75c., .15	
Mrs. Perry. Beautiful salmon-rose..... .25	
Excelsior Hybrids $\frac{1}{4}$ oz. \$1.00, .20	
POTENTILLA. Very desirable perennials with handsome, brilliant flowers and ornamental foliage. June to August 2 ft.	
Single Mixed Hybrids..... .15	
Double Mixed Hybrids..... .25	
PRIMROSE (Primula vulgaris).	
Dean's Large flowering Colored Hybrids Mixed .. .50	
Yellow. The yellow English Primrose..... .25	
caerulea (Blue Primrose), interesting and beautiful.. .25	
PRIMULA japonica (Japanese Primrose). One of the finest garden Primroses, producing whorls of large flowers on erect stems. 1½ ft.	
Choice Mixed Hybrids..... .20	
PYRETHRUM. Showy, hardy perennials with brilliant and lasting flowers. 2 ft.	
roseum hybridum. Single Mixed..... $\frac{1}{8}$ oz. \$1.50, .15	
hybridum. Double Mixed..... $\frac{1}{8}$ oz. \$3.00, .25	
aureum (Golden Feather). Yellow, fern-like leaves, fine for edgings. 6-8 in..... $\frac{1}{4}$ oz. 35c., .10	
REHMANNIA angulata. Splendid half-hardy perennial with Gloxinia-like flowers of rosy purple with yellow throat. 3 ft..... .25	
ROMNEYA coulteri (Giant White Californian Poppy). Beautiful half hardy perennial, fine, fragrant white flowers. 4 ft..... .25	
RUDBECKIA newmanni. Magnificent golden-yellow flowers with maroon center. 3 ft..... .20	
SALVIA sclarea. An attractive, hardy biennial, with mauve and silvery, leafy spikes of flowers. 2 ft.... .25	
* SAPONARIA ocymoides splendens. Elegant trailing perennial with pretty rose-colored flowers, suitable for rockeries..... .15	
SCABIOSA caucasica. Large semi-double, pale lavender flowers; fine for cutting. June to August. 2 ft.	
caucasica alba. A white form of the above..... .15	
caucasica, Giant Hybrids. Caucasica hybrids are a great improvement over the Caucasica, being more vigorous with larger stems and larger and heavier petals which are ruffled and slightly frilled at the edges. The colors range from white to the darkest blue..... $\frac{1}{8}$ oz. \$2.00, .50	
SIDALCEA Rose Queen. Each plant develops a sheaf of spikes 5 to 6 ft. high, well furnished with beautiful rose colored flowers during June and July..... .25	
Choice Mixed Hybrids..... .25	
STATICE latifolia. Hardy perennial with large, branching heads of clear mauve flowers. Excellent for borders. 2 ft..... .15	
STOKESIA cyanea. Popular perennial with large lavender-blue flowers; blooms all Summer. 2 ft.... .15	



Pkt.

SWEET ROCKET (<i>Hesperis matronalis</i>). Fragrant Spring flowering herbaceous perennial. 3 ft.	
Purple, White. Each.....	$\frac{1}{4}$ oz. 50c., \$0.10
SWEET-WILLIAM (<i>Dianthus barbatus</i>). Splendid, old-fashioned hardy perennial, producing large heads of beautifully colored sweet-scented flowers. 1½ ft.	
Newport Pink. Salmon rose-pink.....	$\frac{1}{4}$ oz. \$1.00, .15
Dark Crimson	$\frac{1}{4}$ oz. 50c., .10
Scarlet Beauty. Brilliant scarlet.....	$\frac{1}{4}$ oz. \$1.00, .15
Pure White	$\frac{1}{4}$ oz. 50c., .10
Holborn Glory. A large-flowered selection of the Auricula-eyed type, the individual flowers and trusses are of extraordinary size, while the range of the color is superb.....	$\frac{1}{4}$ oz. 75c., .15
Double Mixed	$\frac{1}{4}$ oz. 75c., .15
THALICTRUM adiantifolium. Hardy plant with elegant foliage resembling that of the Maidenhair Fern, admirable for bouquets. 1 ft.....	.20
dipterocarpum. Graceful species with pretty rosy-purple flowers. 2 ft.....	.25
TROLLIUS europaeus. Large flowered variety of the Buttercup, bright yellow globular flowers. 2 ft....	.20
VALERIAN Red. Showy, hardy perennials, admirable for wild gardens and rockwork. 2 ft.....	.15
White. A white form of the above.....	.15
VERBASCUM, Harkness Hybrids. Immense spikes, well furnished with large, pure yellow flowers during the whole Summer. Hardy perennial. 5 ft.....	.25
VERBENA venosa. A handsome half-hardy perennial with purple flowers, remaining in bloom for a long period. Blooms the first season from seed. 1 ft...	.15
*VERBENA erinoides (Moss-verbena). A low growing variety producing heads of purplish blue flowers from June until frost. Fine for rock gardens.....	.15
erinoides alba. Pure white.....	.15
VERONICA. Hardy perennial herbaceous plants of pyramidal habit. 1½-2 ft.	
longifolia. Long spikes of rich blue flowers.....	.10
spicata. Bright blue flowers.....	.20
*VIOLA cornuta (Horned Violets).	
Admiration. Large, dark blue.....	$\frac{1}{4}$ oz. \$1.50, .20
Mauve Queen. Light blue.....	$\frac{1}{4}$ oz. \$2.00, .25
Rose Queen. Rosy lilac.....	$\frac{1}{4}$ oz. \$2.00, .25
White Perfection. Pure white	$\frac{1}{4}$ oz. \$1.50, .20
Jersey Gem. This handsome variety forms a large compact plant producing a continuous profusion of blooms for a long period. The flowers are a pleasing shade of deep violet blue.....	.25
Little Gem. This pretty little Viola may be described as a miniature "Jersey Gem," having smaller flowers on a much more compact plant. The color is a shade bluer than "Jersey Gem," and the neat growth of the plant renders it excellent for borders and rockeries.....	.50
VIOLA hybrida (Tufted Pansies).	
Apricot	$\frac{1}{4}$ oz. \$2.50, .25
Ardwell Gem. Large primrose.....	$\frac{1}{4}$ oz. \$1.50, .20
Firmament. Sky blue.....	$\frac{1}{4}$ oz. \$1.50, .20
Purple King. Purplish violet.....	$\frac{1}{4}$ oz. \$1.50, .20
Snowdon. Pure white.....	$\frac{1}{4}$ oz. \$1.50, .20
Lutea grandiflora. Yellow.....	$\frac{1}{4}$ oz. \$1.50, .20
David Simpson. Lavender, marbled crimson.....	$\frac{1}{4}$ oz. \$1.50, .20
WALLFLOWER. Half-hardy perennials of delightful fragrance, bearing in Spring and early Summer long spikes of bright flowers.	
Single Blood Red	$\frac{1}{4}$ oz. 60c., .10
Single Cranford Beauty. Rich golden... $\frac{1}{4}$ oz. 60c., .10	
Single Harbinger. Light brown.....	$\frac{1}{4}$ oz. 60c., .10
Single Vulcan. Compact variety with immense deep blood red flowers.....	$\frac{1}{4}$ oz. 60c., .10
Choice Single Mixed	$\frac{1}{4}$ oz. 50c., .10
Choice Double Mixed	$\frac{1}{8}$ oz. \$1.00, .25

For Perennial Plants, see separate catalogue.



VEGETABLE SEEDS

Specialties of Merit

"The Prince" Bush Bean (Sutton)

A variety of outstanding merit. It is an immense cropper and matures in advance of other well known early varieties. The green pods measure from 11 to 12 inches in length and are thick, fleshy and stringless. Highly recommended for forcing.
Lb. \$1.50.

Magnum Bonum Bean

A distinct and elegant green-podded bush Bean. The long pods are perfect in form and color. For the exhibition table this Bean is excellent, and it is also very fine for forcing.
Lb. \$1.00, 2 lbs. \$1.95, 8 lbs. \$7.50.

M.-S. Co.'s Early Red Globe Beet

This fine Beet supersedes all other Turnip-rooted varieties in quality, shape and color. It is exceptionally early, deep red in color, handsome in appearance and of the finest flavor.
Pkt. 15c., oz. 50c., ¼ lb. \$1.50.

Perpetual or Spinach Beet

An excellent substitute for Spinach, producing green leaves in abundance close to the ground. Immediately one gathering has been made fresh leaves appear, and a constant supply of Spinach is kept up. **Oz. 25c., ¼ lb. 75c., 1 lb., \$2.50**

Italian Sprouting Broccoli

A delicious vegetable having the combined flavor of Asparagus and Cauliflower. Although extensively used in Europe, it is only recently that it has been served in the better hotels in this country. Requires the same treatment as Cauliflower. **Pkt. 20c., ¼ oz. 65c., oz. \$2.00.**

Spanish Gold Sweet Corn

A new yellow Corn of the Bantam type, and considered the earliest variety. The ear is about 6 inches long and the stalks grow to a height of 3½ feet. **Lb. 40c., 2 lbs. 75c., 8 lbs. \$2.80.**

Best of All Onion

This excellent variety possesses in a high degree all the qualities sought for in an Onion. It is of almost perfectly globular form with a very slender neck and bright straw-colored skin. Grows to a great size and as a keeper is second to none.
Pkt. 25c., oz. \$1.50.

Admiral Beatty Pea

This splendid second early Pea was obtained by crossing the well known varieties Gradus and Alderman and the result is a variety in which the good points of both parents are combined. The long, pointed pods are excellent in form and quality. The robust plant attains a height of 3 to 4 feet. **Lb. 55c., 2 lbs. \$1.05, 8 lbs. \$4.00.**

Essex Wonder Tomato

We strongly recommend this excellent variety to all growers of Tomatoes. Its cropping powers are extraordinary and for quantity and good quality it cannot be surpassed. It is very hardy and will stand several degrees of frost without injury.
Pkt. 50c.

M.-S. Co.'s White Model Turnip

The earliest and most perfectly-formed, round, white Turnip. Flesh snowy white, solid, and mild in flavor. Admirably adapted for forcing. **Pkt. 15c., oz. 35c., ¼ lb. \$1.00.**



General List of Vegetable Seeds

Artichoke

(*Cynara scolymus*)

One ounce will sow 100 feet of row

Pkt. Oz.

LARGE FRENCH GLOBE. The standard variety.....	\$0.25	\$1.00
ARTICHOKE PLANTS. See page 55.		
JERUSALEM TUBERS (<i>Helianthus tuberosus</i>). Peck \$2.50.		

Asparagus

(*Asparagus officinalis*)

One ounce will produce about 200 plants

Pkt. Oz. $\frac{1}{4}$ lb.

PALMETTO. The most popular variety, early and prolific.....	\$0.10	\$0.20	\$0.50
CONOVER'S COLOSSAL. Prolific and tender.....	.10	.20	.50
GIANT ARGENTEUIL. Very large, thick green stalks.....	.10	.20	.50
WASHINGTON. Rust-resistant, vigorous, and of wonderful quality.....	.25	.50	1.50

Asparagus Roots. See page 55

Beans—Dwarf or Bush

(*Phaseolus vulgaris*)

GREEN-PODDED VARIETIES

One pound will plant 50 feet of drill

Lb. 2 lbs. 8 lbs.

BLACK VALENTINE. A very early round-podded variety of excellent quality.....	\$0.35	\$0.65	\$2.40
BOUNTIFUL. One of the best of the flat-podded varieties, tender and stringless...	35.	.65	2.40
EXTRA EARLY RED VALENTINE. One of the earliest, round, thick, solid pods, tender and prolific.....	.35	.65	2.40
EARLY MOHAWK. Early, vigorous and productive.....	.35	.65	2.40
FULL MEASURE. An excellent round-podded variety, producing enormous crops	.35	.65	2.40
GIANT STRINGLESS GREEN POD. The large round pods are entirely stringless and extremely tender.....	.40	.75	2.80
LONGFELLOW. Extra early, round pods, tender and stringless.....	.35	.65	2.40
REFUGEE 1,000 to 1. Medium to late, round pods, a popular sort for canning...	.35	.65	2.40
MASTERPIECE. The plant is robust in constitution, unusually prolific, and the long pods are straight, handsome and tender. As a quick grower under glass it has no equal.....	.50	.95	3.60
MAGNUM BONUM. See Specialties , page 41.			
THE PRINCE. See Specialties , page 41.			

Beans—Dwarf or Bush

WAX-PODDED VARIETIES

Lb. 2 lbs. 8 lbs.

IMPROVED GOLDEN WAX. The most popular and reliable Wax Bean. The pods are flat, straight and tender.....	\$0.35	\$0.65	\$2.40
PENCIL-POD BLACK WAX. Long, round stringless pods, free from fiber, and of the highest quality.....	.35	.65	2.40
WARDWELL'S KIDNEY WAX. An excellent main crop variety. The long, flat pods are fleshy, brittle and finely grained.....	.35	.65	2.40



BEANS, DWARF OR BUSH—Continued

DWARF SHELL BEANS	Lb.	2 lbs.	8 lbs.
DWARF HORTICULTURAL. An excellent shell Bean, also used as a green podded snap Bean.....	\$0.40	\$0.75	\$2.80
WHITE MARROW. The most popular of all shell beans.....	.35	.65	2.40
WHITE KIDNEY. The beans are larger and longer than the Marrow.....	.35	.65	2.40
WHITE NAVY (Pea Bean). A productive small white variety.....	.35	.65	2.40

Lima Beans—Dwarf or Bush

(*Phaseolus lunatus*)

One pound will plant a row of 50 feet	Lb.	2 lbs.	8 lbs.
BURPEE'S IMPROVED BUSH LIMA. Considered the finest and largest Bush Lima ever introduced.....	\$0.50	\$0.95	\$3.60
FORDHOOK BUSH LIMA. The stiffly erect bushes branch freely and bear enormous crops.....	.55	1.05	4.00
HENDERSON'S BUSH LIMA. The beans are small, very productive.....	.40	.75	2.80

Lima Beans—Pole

Lb. 2 lbs. 8 lbs.

LEVIATHAN EXTRA EARLY. The earliest of the Pole Limas and is a heavy crop.....	\$0.45	\$0.85	\$3.20
BURPEE'S GIANT PODDED. The pods are immense in size, and usually contain five large beans of the most delicious flavor	.50	.95	3.60
CARPENTERIA. The seeds have a decided green tinge, even when old, which they retain after cooking.....	.50	.95	3.60
CHALLENGER, or POTATO. Large and thick, very productive.....	.50	.95	3.60
LARGE WHITE. The old standard variety.	.45	.85	3.20

Pole Beans

Lb. 2 lbs. 8 lbs.

KENTUCKY WONDER, or OLD HOME-STEAD. The most popular of all Pole String Beans. The pods are green, very long and stringless.....	\$0.40	\$0.75	\$2.80
GOLDEN CLUSTER WAX. The leading early Wax Pole Bean.....	.50	.95	3.60
SCARLET RUNNER. Used both as a string and shell Bean. Bright scarlet flowers, very ornamental.....	.50	.95	3.60

Beet

(*Beta vulgaris*)

One ounce will sow 50 feet of drill	Pkt.	Oz.	¼ lb.	Lb.
M. S. CO.'S RED GLOBE. See Specialties, page 41.				
EARLY MODEL. One of the finest varieties, having extremely small tops.....	\$0.10	\$0.20	\$0.50	\$1.50
CRIMSON GLOBE. Medium size, and perfect globe shape, smooth skin, small tops.....	.10	.20	.50	1.50
CROSBY'S EGYPTIAN. Flattened globe shape. Skin and flesh dark red, small tops.....	.10	.20	.50	1.50
DETROIT DARK RED. The root is a deep vermillion red, crisp and sweet. The best to store for Winter.	.10	.20	.50	1.50
EXTRA EARLY EGYPTIAN. Matures quickly. The root is decidedly flattened, turnip-shaped, flesh dark blood-red.....	.10	.20	.50	1.50
HALF-LONG BLOOD. Flesh rich dark red, very sweet.....	.10	.20	.50	1.50
PERPETUAL or SPINACH BEET. See Specialties, page 41.				



Swiss Chard

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
GIANT LUCULLUS. A delicious variety having green leaves which are remarkably crimped and curled.	\$0.10	\$0.20	\$0.50	\$1.50

Sugar Beet

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
IMPERIAL WHITE SUGAR. Valued for its productiveness and large percentage of sugar.....	\$0.05	\$0.10	\$0.30	\$1.00

Mangel Wurzel

	Sow 6-8 pounds to the acre	$\frac{1}{4}$ lb.	Lb.
MAMMOTH LONG RED. The largest and heaviest cropper of all the red sorts.....	\$0.25	\$0.75	
CHAMPION YELLOW GLOBE. Bright orange color, globe shape, adapted for shallow soils...	.25	.75	
GOLDEN TANKARD. Large, smooth yellow fleshed variety.....	.25	.75	

Borecole, or Kale

	(Brassica oleracea acephala asparagoides)	Pkt.	Oz.	$\frac{1}{4}$ lb.
	One ounce will produce 3,000 plants			
DWARF GREEN CURLLED SCOTCH				
Hardy, low growing variety, finely curled, of a deep green color and delicate flavor	\$0.10	\$0.30	\$1.00	
TALL. Grows about 2 ft. with an abundance of dark green leaves.....	.10	.30	1.00	

Broccoli. See page 41 (Brassica oleracea botrytis)

Brussels Sprouts

	(Brassica oleracea gemmifera)	Pkt.	Oz.	$\frac{1}{4}$ lb.
	One ounce will produce 3,000 plants			
LONG ISLAND IMPROVED. A fine strain, large, solid sprouts of excellent quality (selected stock).....	\$0.10	\$0.60	\$2.00	
PROLIFIC EXHIBITION. A superior strain, very fine, even-shaped sprouts of good size and flavor. Excellent for exhibition.....	.15	.75	2.50	

Cabbage

	(Brassica oleracea capitata)	Pkt.	Oz.	$\frac{1}{4}$ lb.
	One ounce will produce 3,000 plants			
BABY HEAD. Small round solid heads, fine for early use.....	\$0.10	\$0.75	\$2.50	
COPENHAGEN MARKET. Early, large, round solid heads, short stem with few outer leaves of an upright growth.....	.10	.75	2.50	
DANISH BALL HEAD. A medium sized solid heading sort, valuable for Winter use.	.10	.60	2.00	
EARLY JERSEY WAKEFIELD. This variety is very popular and is considered the best early pointed headed sort.....	.10	.60	2.00	
GOLDEN ACRE. The earliest of the round-headed varieties. The plant is small, dwarf and compact, heads of medium size, perfectly round and solid.....	.10	.75	2.50	
LARGE LATE FLAT DUTCH. Produces a large, slightly flattened head of great solidity and fine texture.....	.10	.60	2.00	
MAMMOTH ROCK RED. Round, solid heads of deep red color.....	.10	.60	2.00	
SUCCESSION. A fine second early sort producing large, solid, flat heads.....	.10	.75	2.50	
SAVOY PERFECTION DRUMHEAD. The hardest heading and best all-round Savoy Cabbage.....	.10	.60	2.00	



Chinese, or Celery Cabbage

(PE-TSAI)

Pkt. Oz. $\frac{1}{4}$ lb.

This delicious Chinese vegetable belongs to the Cabbage family and closely resembles a Cos Lettuce but is heavier. It may be eaten raw as a salad or boiled like Cabbage.....	\$0.10	\$0.60	\$2.00
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Carrot

(*Daucus carota*)

One ounce will sow 100 feet of drill

Pkt. Oz. $\frac{1}{4}$ lb Lb.

CHANTENAY HALF-LONG. A splendid half-long, stump-rooted variety and one of the best for table use. The flesh is fine grained and free from core. Skin smooth and of a deep orange color.....	\$0.10	\$0.20	\$0.60	\$2.00
DANVERS IMPROVED HALF-LONG. A favorite sort, slightly longer than Chantenay, tapering to a blunt point.....	.10	.20	.60	2.00
EARLY FRENCH FORCING. Early, tender and sweet.....	.10	.25	.75	2.50
EARLY SCARLET HORN. A popular early sort.....	.10	.20	.60	2.00
GUERANDE, or OXHEART. Stump-rooted, specially adapted to shallow soil.....	.10	.20	.60	2.00
LONG ORANGE IMPROVED. A long variety of fine quality used both for field and garden culture...	.10	.20	.60	2.00
LONG RED SURREY. A fine type of Long Red Carrot. Excellent for exhibition.....	.10	.30	1.00	....
KELWAY'S INTERMEDIATE. The brightest scarlet skin, and smoothest grain of all the half-long Carrots.	.10	.30	1.00	...
ST. VALERY. Intermediate in form between Danvers and Long Orange. Smooth and pointed. Color bright red.....	.10	.25	.75	2.50
WHITE BELGIAN. Flesh white and coarse, desirable for stock feeding.....	.05	.15	.50	1.75

Cauliflower

(*Brassica oleracea botrytis cauliglora*)

One ounce of seed produces about 3,000 plants

Pkt. $\frac{1}{4}$ oz. Oz.

M.-S. CO.'S EXTRA EARLY FORCING. The earliest Cauliflower in cultivation and the best strain for growing under glass. The heads are beautifully close and white, habit dwarf and compact.	\$0.50	\$3.00	\$10.00
EARLIEST DWARF ERFURT. Heads solid, compact, and snow white.....	.50	2.50	8.00
EARLY SNOWBALL. Selected strain, solid snow white heads.....	.25	1.50	5.00
DRY WEATHER, or DANISH GIANT. Specially recommended for growing in dry locations. The heads are large, pure white and of fine quality.....	.25	1.25	4.00
VEITCH'S AUTUMN GIANT. The best late sort, large and vigorous.....	.15	.50	1.50



Celery

(*Apium graveolens*)

One ounce of seed will produce 5,000 plants

Pkt. Oz. $\frac{1}{4}$ lb.

IMPROVED GOLDEN SELF BLANCHING (French Grown). Rich golden yellow, crisp, tender and of fine flavor.....	\$0.20	\$1.25	\$4.50
COLUMBIA. The stalks are of medium height, very thick, round and crisp, blanching to a light golden yellow. It is unsurpassed for its distinct, rich nutty flavor.....	.15	.60	2.00
EASY BLANCHING. A valuable sort. Color light golden and blanches very easily	.15	.75	2.50
GIANT PASCAL. Stalks solid and crisp, golden yellow heart, one of the best for Winter use.....	.15	.60	2.00
IMPROVED WHITE PLUME. Popular early variety that requires very little bleaching.....	.10	.50	1.75
LONDON RED. The stalks are deep red, solid, crisp and of a fine nutty flavor....	.15	.75	2.50
PINK PLUME. Large, and of fine quality.	.15	.60	2.00
WINTER KING. The most valuable Winter Celery.....	.15	.60	2.00
WINTER QUEEN. Broad, light green stalks, very solid and crisp, blanches well.	.15	.60	2.00

Celeriac, or Turnip-rooted Celery

(*Apium graveolens rapaceum*)

Pkt. Oz. $\frac{1}{4}$ lb.

GIANT SMOOTH PRAGUE. Large and smooth, the best sort.....	\$0.10	\$0.50	\$1.50
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Chervil

(*Anthriscus cerefolium*)

One ounce will sow 150 feet of drill

Pkt. Oz. $\frac{1}{4}$ lb.

EXTRA CURLED. Beautifully curled, leaves resembling Parsley, used for garnishing and flavoring soups and salads...	\$0.10	\$0.35	\$1.00
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Chicory

(*Cichorium intybus*)

Pkt. Oz. $\frac{1}{4}$ lb.

WITLOOF, or FRENCH ENDIVE. The stalks when bleached are used for salad..	\$0.10	\$0.40	\$1.25
LARGE ROOTED. The dried roots are roasted and used as a substitute for coffee.	.10	.40	1.25

Corn Salad

(*Valerianella olitoria*)

One ounce will sow 150 feet of drill

Pkt. Oz. $\frac{1}{4}$ lb.

LARGE SEEDED. Vigorous variety, large round grayish green leaves.....	\$0.10	\$0.35	\$1.00
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Cress, or Peppergrass

(*Lepidium sativum*)

One ounce will sow 150 feet of drill

Pkt. Oz. $\frac{1}{4}$ lb.

EXTRA CURLED. The leaves make a delicious salad.....	\$0.05	\$0.15	\$0.50
TRUE WATER CRESS. For growing along banks of streams or moist situations.....	.20	1.00	3.50



Corn—Sweet or Sugar

(*Zea mays*)

<i>One pound will plant 100 hills</i>	Lb.	2 lbs.	8 lbs.
BANTAM EVERGREEN. Ears 8 in. long and 12-rowed. The grains are deep and of a rich golden yellow. Medium early....	\$0.35	\$0.65	\$2.40
BLACK MEXICAN. One of the sweetest, bluish black when ripe, medium early....	.35	.65	2.40
COUNTRY GENTLEMAN. Well-known late variety of excellent quality.....	.35	.65	2.40
DE LUE'S GOLDEN GIANT. Matures about a week later than Golden Bantam. The ear is very much larger than the "Bantam," and the sugar content is almost as great.....	.35	.65	2.40
EARLY MAYFLOWER. A fine extra early variety, with large, well-filled ears, very sweet and tender.....	.35	.65	2.40
GOLDEN BANTAM. Early golden yellow, ears 6-7 in. long, 8-rowed. Delightful rich, sweet flavor.....	.35	.65	2.40
GOLDEN CREAM. An early variety with rich cream-colored grains, fine quality, very tender and sweet.....	.40	.75	2.80
GOLDEN SUNSHINE. An improved Golden Bantam with 12 rows of luscious Corn to each ear. Cobs measure 6½ in. long.....	.40	.75	2.80
HOWLING MOB. One of the finest second early sorts, large ears, very productive...	.35	.65	2.40
KENDEL'S EARLY GIANT. A large eared second early variety of excellent quality.....	.35	.65	2.40
MAMMOTH WHITE CORY. One of the earliest and best. Ears 7-8 in. long, sweet and tender.....	.35	.65	2.40
POCAHONTAS. The plant is of dwarf habit, and very robust. The ears are of good size, and well filled, early, sweet and tender.....	.35	.65	2.40
STOWELL'S EVERGREEN. The best known sweet Corn. Large ears of excellent quality.....	.35	.65	2.40

Cucumber

(*Cucumis sativus*)

<i>One ounce will plant 50 hills</i>	Pkt.	Oz.	¼ lb.
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DAVIS' PERFECT. An extra long, dark green type of White Spine, retains its color and good qualities long after being picked.	\$0.10	\$0.25	\$0.75
EARLY FORTUNE. The finest type of White Spine yet introduced. Early, very productive and disease resistant. Flesh white, very firm and crisp.....	.10	.25	.75
IMPROVED EARLY WHITE SPINE. One of the very earliest of the White Spines..	.10	.25	.75
IMPROVED LONG GREEN. A standard late, well-known table sort.....	.10	.25	.75
CHICAGO PICKLING. Considered the best pickling sort.....	.10	.25	.75

ENGLISH FORCING CUCUMBERS

Pkt.

IMPROVED TELEGRAPH. The most popular variety. Prolific and handsome.	\$0.30	....	....
LOCKIE'S PERFECTION. Fine shape and color.....	.30	....	....



Eggplant

(*Solanum melongena*)

One ounce will produce about 2,000 plants

	Pkt.	1/2 oz.	Oz.
NEW YORK IMPROVED PURPLE (Spineless). Plants produce four to six large oval fruits of dark purple color.....	\$0.10	\$0.40	\$0.75
BLACK BEAUTY. Earlier, but not as large as New York Purple.....	.10	.40	.75
LONG PURPLE. Fruits 6-8 in. long. Early and productive.....	.10	.45	.80

Endive

(*Cichorium endivia*)

One ounce will sow about 100 feet of drill

	Pkt.	Oz.	1/4 lb.
BROAD-LEAVED BATAVIAN (Esca-rolle). One of the best varieties for salads. Leaves broad, bright deep green.....	\$0.10	\$0.25	\$0.75
GREEN CURLED. The most hardy and vigorous sort.....	.10	.25	.75
MOSS CURLED. More compact than Green Curled.....	.10	.25	.75
WHITE CURLED. Very tender and blanches readily.....	.10	.25	.75

Kohl-Rabi

(*Brassica oleracea, Caulo-rapa*)

	Pkt.	Oz.	1/4 lb.
SHORT-LEAVED WHITE VIENNA. Extremely early with small tops.....	\$0.10	\$0.35	\$1.25
EARLY PURPLE VIENNA. Early, medium size and purple in color, flesh white.	.10	.35	1.25

Leek

(*Allium porrum*)

One ounce will sow 200 feet

	Pkt.	Oz.	1/4 lb.
LARGE AMERICAN FLAG. The favorite variety, large and vigorous.....	\$0.10	\$0.35	\$1.25
MUSSELBURGH. Very hardy, large and extra fine quality.....	.10	.35	1.25
PRIZETAKER. The finest exhibition Leek in cultivation. The long thick, pure white stems have a most attractive appearance.	.15	.75	2.50

Lettuce

(*Lactuca sativa*)

HEADING VARIETIES

One ounce will sow 100 feet of drill

	Pkt.	Oz.	1/4 lb.
ALL SEASONS. Large, medium, late heading sort.....	\$0.10	\$0.30	\$1.00
BIG BOSTON IMPROVED. Popular for outside culture as well as for forcing. Head large and compact, color light green, slightly tinged reddish brown.....	.10	.30	1.00
BOSTON MARKET. Medium in size, early loose heading sort.....	.10	.30	1.00
DEACON. Heads globular, somewhat flattened, excellent quality.....	.10	.30	1.00
GOLDEN QUEEN. A small variety of compact habit, forming yellowish-green heads.	.15	.35	1.25
HANSON IMPROVED. One of the most reliable sure heading sorts. Stands the heat well.....	.10	.30	1.00
ICEBERG. Large, late, crisp, heading variety.....	.10	.30	1.00
MAMMOTH BLACK-SEEDED BUTTER. Heads large and firm, fine quality.	.10	.30	1.00
MAY KING. Extremely early, compact heading variety.....	.10	.30	1.00
MIGNONETTE. Small, early and compact.	.10	.30	1.00
NEW YORK, or WONDERFUL. Large, late globular heading variety.....	.15	.35	1.25
SALAMANDER. Heads of medium size, solid, compact, globular in form; succeeds under most trying weather conditions...	.10	.30	1.00



LETTUCE—Continued

	Pkt.	Oz.	1/4 lb.
TENNIS BALL (Black-seeded). A very reliable, sure-heading variety; heads globular and firm.....	.10	\$0.30	\$1.00
WAYAHEAD . Very early, sure heading variety.....	.10	.30	1.00

LOOSE-LEAVED VARIETIES

SIMPSON EARLY CURLLED. Does not head but forms a close, compact mass of leaves.....	.10	.30	1.00
GRAND RAPIDS . The favorite loose leaved forcing Lettuce, handsome and attractive. ....	.10	.30	1.00
COS VARIETIES (ROMAINE)			
PARIS WHITE COS. Long, smooth, narrow, upright leaves.....	.10	.30	1.00
TRIANON COS. Early, self-closing.....	.10	.30	1.00

Melon—Musk

(*Cucumis melo*)

One ounce will plant 60 hills

Pkt. Oz. 1/4 lb.

BURRELL'S GEM. An excellent small Melon, fruit oblong and heavily netted, flesh deep salmon, of fine quality.....	.10	\$0.10	\$0.30	\$1.00
EMERALD GEM. Fine early variety. Fruits emerald green in color, globular, or slightly flattened, flesh very thick, of a rich salmon color.....	.10	.30	1.00	
HACKENSACK EXTRA EARLY IMPROVED. Matures very early; a large round Melon of fine quality, flesh green..	.10	.30	1.00	
HONEY DEW. Fruit large, round to oval in shape, skin smooth, hard and creamy white. Flesh light green.....	.10	.40	1.25	
MONTREAL NUTMEG. Excellent, very large, flesh green, remarkably thick, and of superior quality.....	.10	.30	1.00	
ROCKY FORD. A very popular and well known sort, fruits are oval. Flesh rich, green and very sweet.....	.10	.30	1.00	

ENGLISH FORCING VARIETIES

Pkt.

SUTTON'S BEST OF ALL. Flesh very thick, deep green in color, splendid flavor.....		\$0.75
SUTTON'S A1. Fruits large and densely netted, flesh thick, of a rich scarlet color.....		.75
SUTTON'S EMERALD GEM. Flesh unusually thick, of a rich green color, superb in flavor.....		1.00
SUTTON'S KING GEORGE. A distinct scarlet-fleshed Melon, skin buff yellow, finely netted.....		.75
SUTTON'S PERFECTION. Flesh green, fruit medium size, and attractively netted.....		.75
SUTTON'S SUPERLATIVE. Scarlet flesh, rich flavor	1.00	

Melon - Water

(*Citrullus vulgaris*)

One ounce will plant 30 hills

Pkt. Oz. 1/4 lb.

COLE'S EARLY. One of the best of the early sorts, nearly round, flesh deep pink, seeds black.....		\$0.10	\$0.20	\$0.60
HUNGARIAN HONEY. A superb, early variety, uniformly globe-shaped, flesh brilliant red, seeds brown and very small.	.10	.20	.60	
KLECKLEY'S SWEETS. Oblong in form, dark green, flesh bright rich red, seeds white.....	.10	.20	.60	
MOUNTAIN SWEET. An old popular sort, oblong in form, flesh red, of good quality.....	.10	.20	.60	
TOM WATSON. One of the best main crop varieties, and grows to a large size. Fruit long, flesh rich red and of excellent quality. Seeds white.....	.10	.20	.60	
CITRON, Red-Seeded. The old red-seeded preserving Melon.....	.10	.20	.60	



Mushroom Spawn

Ten bricks will spawn about 10 feet square

AMERICAN PURE CULTURE. Per brick 40c., 10 bricks \$3.75.

BOTTLE SPAWN. One quart will spawn 35 square feet. Per quart bottle \$1.25.

Mustard

(*Sinapis*) Pkt Oz. $\frac{1}{4}$ lb.

WHITE LONDON. Best variety for salad. \$0.05 \$0.15 \$0.40

FORDHOOK FANCY. A vigorous growing mild variety, leaves dark green, curled and fringed; fine for salads and garnishings. .10 20 .50

GIANT SOUTHERN CURLED. Upright spreading growth, leaves large, light green, tinged yellow. .10 .20 .50

Okra, or Gumbo

(*Hibiscus esculentus*)

One ounce will plant 100 hills Pkt. Oz. $\frac{1}{4}$ lb.

PERKINS' LONG POD. One of the best and most productive. \$0.10 \$0.20 \$0.50

WHITE VELVET. Pods long, of a velvety white color.10 .20 .50

Onion

(*Allium cepa*)

One ounce will sow 100 feet of drill Pkt. Oz. $\frac{1}{4}$ lb.

AILSA CRAIG SELECTED. Handsome, oval shape, pale straw-colored skin. Flesh white and mild. (English grown) \$0.25 \$1.00 \$3.50

BEST OF ALL. See **Specialties**, page 41.

GIGANTIC GIBRALTAR. A mammoth Onion resembling Prizetaker, but grows to a much larger size. 20 .75 2 50

LARGE RED WETHERSFIELD. Fine, large, flat sort, one of the best known types.. .10 .35 1.25

PRIZETAKER. Large, globe-shape of a light straw color, flesh mild.10 .35 1.25

SOUTHPORT RED GLOBE. The best of the red Onions.10 .35 1.25

SOUTHPORT WHITE GLOBE. True globe form, flesh fine grained and exceedingly mild.10 .45 1.50

SOUTHPORT YELLOW GLOBE. Deep yellow, flesh white, crisp and mild.10 .35 1.25

VICTORIA CROSS. The bulbs are globe-shaped, skin clear yellow, and attain a great size, fine exhibition sort.25 1.00

WHITE PICKLING. A rapid-growing, small variety, fine for pickling and bunching.10 .35 1.25

WHITE PORTUGAL. A large, flat white Onion of mild and pleasant flavor.10 .35 1.25

YELLOW GLOBE DANVERS. The standard variety for main crops.10 .35 1.25

EBENEZER or JAPANESE. Yellowish brown skin, white flesh, firm, solid and mild. .15 .45 1.50

Onion Sets

Qt. Pk.

RED ONION SETS \$0.40 \$2.50

WHITE ONION SETS45 3.00

YELLOW ONION SETS40 2.50

Lb. 5 lbs. 10 lbs.

EBENEZER or JAPANESE SETS \$0.40 \$1.75 \$3.25

SHALLOTS75

Parsley

(*Carum petroselinum*)

One ounce will sow 150 feet of drill Pkt. Oz. $\frac{1}{4}$ lb.

DOBBIE'S EXHIBITION. A dwarf and compact variety exquisitely curled; unsurpassed for exhibition. \$0.15 \$0.35 \$1.00

TRIPLE CURLED. Leaves dark green and beautifully curled, the most useful sort... .10 .20 .50

HAMBURG, or ROOTED. Grown for its roots, which are used for flavoring soups.. .10 .20 .50



Parsnip

(*Pastinaca sativa*)

One ounce will sow 200 feet of drill Pkt. Oz. $\frac{1}{4}$ lb.

AMERICAN HOLLOW CROWN.	Better known and more generally grown than any other sort. The long, smooth roots are tender and sugary.....	\$0.10	\$0.15	\$0.50
KELWAY'S DON.	The handsome form, size, whiteness of skin and flesh makes this variety specially valuable for exhibition..	.10	30	1.00

Peas

(*Pisum sativum*)

EXTRA EARLY VARIETIES

One pound will plant 50 feet of drill Lb. 2 lbs. 8 lbs.

FIRST OF ALL.	Standard extra early prolific smooth Pea, height 2½ ft.....	\$0.35	\$0.65	\$2.40
ALASKA.	Extra early round blue seeded variety. Suitable for canning. Height 2 ft.	.35	.65	2.40
GRADUS, or PROSPERITY.	Early large-podded variety of exquisite flavor. Height 3 ft.....	.40	.75	2.80
BLUE BANTAM.	A splendid, large-podded dwarf variety of the Laxtonian class. Height, 15 in.....	.40	.75	2.80
EARLY BIRD.	A wonderful extra early, semi-wrinkled Pea, unsurpassed for extreme earliness, superb quality and unusual productiveness. Height, 4 ft. ....	.40	.75	2.80
LAXTONIAN.	A large podded dwarf variety on the order of Gradus. Height, 1½ ft.....	.40	.75	2.80
LITTLE MARVEL.	An extra fine dwarf Pea, remarkably prolific.....	.40	.75	2.80
NOTT'S EXCELSIOR.	Early and prolific. Height 1 ft.....	.40	.75	2.80
SUTTON'S EXCELSIOR.	An improvement on Nott's Excelsior, with larger pods and greater productiveness. Height 16 in.	.40	.75	2.80
THE PILOT.	The best round-seeded blue variety, producing pods of the Gradus type, hardy and prolific. Height 2½ ft..	.50	.95	3.60
WORLD'S RECORD.	An improved type of Gradus, being slightly earlier and more dwarf. Pods 4 in. long, broad, pointed and well filled with 7 to 9 large, dark green peas of exceptional quality. Height 2 ft..	.40	.75	2.80

SECOND EARLY AND MAIN CROP VARIETIES

Lb. 2 lbs. 8 lbs.

ADMIRAL BEATTY.	For description see Specialties, page 41.....	\$0.55	\$1.05	\$4.00
ALDERMAN.	Of the Telephone type but with darker pods and peas. Height 5 ft..	.40	.75	2.80
CHAMPION OF ENGLAND.	One of the best flavored late Peas. Height 5 ft....	.40	.75	2.80
DWARF TELEPHONE, or DAISY.	Large dark green pods, containing 8-9 green peas of the best quality. Height 2½ ft.....	.40	.75	2.80
DWARF CHAMPION.	Large pods, vigorous grower. Height 3 ft.....	.40	.75	2.80
POTLATCH.	One of the best of the large-podded sorts. Pods 4½ in. long, slightly curved, containing 8 to 9 medium green peas. Height 3 ft.....	.40	.75	2.80
PRIZE WINNER.	A fine main crop Pea on the order of Stratagem. Height 2½ ft. Pods dark green, 4½ in. long, very broad, straight and pointed.....	.40	.75	2.80
QUIITE CONTENT.	Enormous pods containing 9-10 large green peas of the best quality. Height, 5 ft.....	.50	.95	3.60
TELEPHONE.	An old standard high quality large podded Pea. Height 5 ft.....	.40	.75	2.80



Pepper

(*Capsicum annuum*)

	Pkt.	$\frac{1}{4}$ oz.	Oz.
CHINESE GIANT. The largest of the mild red varieties.....		\$0.15	\$0.30
LARGE BELL, or BULL NOSE. A standard early variety.....	.10	.25	.75
LONG RED CAYENNE. Bright red slender pods, hot and pungent.....	.10	.25	.75
NEAPOLITAN. Early, sweet and mild. Fruit 4 in. x 2 in., and bright red in color.	.10	.25	.75
RED CHILI. Fruit about 1½ in. long, cone-shaped, bright red, and very hot....	.15	.30	1.00
RUBY KING. Fruits 4-6 in. long by 3-4 in. thick, of a bright ruby-red color. Flesh thick, sweet and mild.....	.10	.25	.75
SWEET MOUNTAIN. Large and handsome, mild flavor.....	.10	.25	.75

Potatoes

(*Solanum tuberosum*)

MAINE GROWN

Ten bushels cut tubers will plant one acre

BEAUTY OF HEBRON. Flesh colored skin, pure white flesh, very productive.....	Market Price
BOVEE. Early and prolific, red skin, white flesh, of fine quality.....	Market Price
DIBBLE'S RUSSET. Considered one of the best main crop varieties.....	Market Price
CARMAN NO. 1. A popular late sort.....	Market Price
EARLY ROSE. Early, productive and of excellent quality.....	Market Price
GOLD COIN. A splendid main crop variety, very productive.....	Market Price
GREEN MOUNTAIN IMPROVED. A well-known late sort. Skin smooth and white....	Market Price
IRISH COBBLER. One of the best early varieties.....	Market Price

Pumpkin

(*Cucurbita pepo*)

One ounce will plant 50 hills

	Oz.	$\frac{1}{4}$ lb.	Lb.
CONNECTICUT FIELD. Grown in Corn fields for stock.....	\$0.15	\$0.40	\$1.25
LARGE CHEESE. Large, round, flattened fruits, the best for family use.....	.20	.60	1.75
MAMMOTH TOURS. Very large, salmon-orange skin.....	.25	.75	2.50
SMALL SUGAR. Fruits small, round, skin and flesh orange-yellow.....	.20	.60	1.75
WINTER LUXURY. Round, medium in size, with golden yellow skin.....	.20	.60	1.75

Radish

(*Raphanus sativus*)

One ounce will sow 100 feet of drill

	Oz.	$\frac{1}{4}$ lb.	Lb.
EARLY SCARLET TURNIP. Well known sort, quick grower.....	\$0.20	\$0.50	\$1.50
EARLY SCARLET GLOBE. An early forcing variety, doing equally well outside.	.20	50	1.50
EARLY SCARLET TURNIP, WHITE TIPPED. Round deep scarlet shading to a white tip at the bottom.....	.20	.50	1.50
FRENCH BREAKFAST. Oblong form, small and quick grower, scarlet, white tip.	.20	.50	1.50
ICICLE. The leading, long white Radish, and one of the earliest.....	.20	.50	1.50
LARGE WHITE SUMMER TURNIP. Round, pure white, an excellent Summer variety.....	.20	.50	1.50
LONG SCARLET SHORT TOP. Roots smooth and tender, of a bright carmine red color.....	.20	.50	1.50
NON PLUS ULTRA, or FIREBALL. Bright scarlet, one of the best forceers.	.20	.50	1.50



RADISH—Continued

FALL, OR WINTER VARIETIES

	Oz.	$\frac{1}{4}$ lb.	Lb.
LONG BLACK SPANISH. Late and hardy and nearly black in color.....	\$0.20	\$0.50	\$1.50
ROUND BLACK SPANISH. Roots round, skin black.....	.20	.50	1.50
ROSE CHINA. One of the best Winter sorts, roots are blunt at both ends. Skin deep rose color.....	.20	.50	1.50

Salsify, or Oyster Plant

(*Tragopogon porrifolius*)

One ounce will sow 75 feet of drill Pkt. Oz. $\frac{1}{4}$ lb.

MAMMOTH SANDWICH ISLAND. The best variety grown.....	\$0.10	\$0.50	\$1.50
SCORZONERA (Black Oyster Plant).....	.10	.60	1.75

Sorrel

(*Rumex scutatus*)

One ounce will sow 150 feet of drill Pkt. Oz. $\frac{1}{4}$ lb.

LARGE-LEAVED FRENCH. Used in salads.....	\$0.10	\$0.30	\$1.00
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Spinach

(*Spinacia oleracea*)

One ounce will sow 100 feet of drill Oz. $\frac{1}{4}$ lb. Lb.

BLOOMSDALE SAVOY-LEAVED. Very early and hardy, curled and wrinkled leaves.....	\$0.10	\$0.25	\$0.75
KING OF DENMARK. A fine, long-season Spinach, vigorous and spreading, large, crumpled, deep-green leaves.....	.10	.30	1.00
LARGE VIROFLAY. Leaves broad, thick and arrow-shaped.....	.10	.25	.75
LONG SEASON. Plant makes a dense, flat rosette, leaves broad, thick, arrow-shaped and pointed.....	.10	.25	.75
LONG STANDING. A popular standing Summer Spinach.....	.10	.25	.75
VICTORIA. Leaves long, thick and wrinkled, dark green in color.....	.10	.25	.75
PRICKLY, or WINTER. Vigorous and hardy.....	.10	.25	.75
NEW ZEALAND. Entirely distinct plant, tall and spreading with numerous side shoots, can be picked continuously throughout the Summer.....	.15	.45	1.50

Squash

(*Cucurbita maxima*)

One ounce Early Squash will plant 25 hills

One ounce Marrow Squash will plant 50 hills

SUMMER BUSH VARIETIES

COCOZELLA (Italian Vegetable Marrow). Fruits oblong, color dark green	\$0.25	\$0.75
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GIANT SUMMER CROOKNECK. The largest and one of the earliest of the Summer varieties, very warty and deep orange in color.....	.25	.75
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WHITE BUSH SCALLOPED. Very early, fruits creamy white, flattened and scalloped.....	.25	.75
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WINTER TRAILING VARIETIES

BOSTON MARROW. Shell bright orange, flesh yellow and firm.....	\$0.25	\$0.75
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DELICATA. Small oblong shell, creamy white..	.25	.75
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FORDHOOK. Small oblong variety, skin smooth, yellow, flesh straw colored.....	.30	1.00
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GOLDEN HUBBARD. Similar to the old Hubbard in form and habit. Shell orange red, flesh deep orange.....	.30	1.00
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IMPROVED HUBBARD. Well known, the popular late Squash.....	.25	.75
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VEGETABLE MARROW. Oblong, shell pale yellow, flesh white.....	.30	1.00
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Tomato

(Lycopersicum esculentum)

One ounce will produce 1,500 plants

FORCING VARIETIES Pkt. $\frac{1}{4}$ oz.

CARTER'S SUNRISE. Rich scarlet, medium sized, a fine forceer.....	\$0.25	....
LISTER'S PROLIFIC. An enormous cropper, producing large clusters of bright scarlet fruit of the finest quality.....	.25	\$1.25
STIRLING CASTLE. A well known and popular forcing variety.....	.15	.75
SUTTON'S WINTER BEAUTY. Medium sized scarlet fruit, attractive and productive.....	.25	....

OUTDOOR TOMATOES Pkt. Oz.

ACME. A popular early sort.....	\$0.10	\$0.60
BONNY BEST. A fine early variety, smooth, solid and uniform, color bright red.....	.10	.60
EARLIANA. Considered the earliest and one of the best early sorts.....	.10	.60
ESSEX WONDER. For description see Specialties, page 41.....	.50	....
JOHN BAER. One of the earliest, dwarf plants, fruits medium size. A valuable sort.....	.10	.60
MARGLOBE. Perfect globe-shape and deep scarlet in color; meaty and almost coreless. A very productive variety.....	.10	.60
PONDEROSA. One of the largest and best known varieties.....	.15	.75
STONE. The standard sort, vigorous and productive.....	.10	.60
GOLDEN QUEEN. Large yellow.....	.10	.60

SMALL-FRUITED TOMATOES

RED PLUM. Plum-shaped.....	\$0.15	\$1.00
YELLOW PLUM. Plum-shaped.....	.15	1.00
RED PEAR. Pear-shaped.....	.15	1.00
YELLOW PEAR. Pear-shaped.....	.15	1.00
RED PEACH. Resembles a Peach in size and shape.....	.15	1.00
RED CHERRY. .....	.15	1.00
RED Currant. .....	.15	1.00
STRAWBERRY, or HUSK TOMATO. The fruit is yellow, and enclosed in a husk. The plant is of dwarf, spreading growth.....	.15	1.00

Turnip

(Brassica rapa)

One ounce will sow 150 feet of drill

Pkt. Oz. $\frac{1}{4}$ lb. Lb.

M.-S. CO.'S WHITE MODEL. See Specialties, page 41.				
EARLY SNOWBALL. Early, medium size, round, pure white skin and flesh.....	\$0.10	\$0.20	\$0.50	\$1.50
EXTRA EARLY WHITE MILAN. The earliest variety in cultivation..	.10	.20	.60	2.00
QUICKSILVER. The quickest growing round white Turnip. Perfectly globe-shape, white skinned, with solid flesh.....	.10	.30	.85	....

A Garden for Every Home

TURNIP—Continued

	Pkt.	Oz	$\frac{1}{4}$ lb.	Lb.
PURPLE TOP WHITE GLOBE. A standard variety, good keeper.....	\$0.10	\$0.20	\$0.50	\$1.50
RED TOP STRAP-LEAVED. One of the best table varieties.....	.10	.20	.50	1.50
IMPROVED GOLDEN BALL. Golden yellow, globe-shaped.....	.10	.20	.50	1.50
YELLOW STONE. Roots medium size and uniform, perfect globe-shape.....	.10	.20	.50	1.50

Turnip

RUTABAGA, or SWEDISH (Brassica campestris)

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
LONG ISLAND IMPROVED PURPLE TOP. Roots globular and grows to a large size, with small, short neck, skin and flesh bright yellow.....	\$0.10	\$0.20	\$0.50	\$1.50
WHITE FRENCH. An excellent white variety.....	.10	.20	.50	1.50

Herbs—Sweet and Medicinal

	Pkt.	Oz.
ANISE. Used for flavoring.....	\$0.10	\$0.40
BASIL, SWEET. Used for flavoring soups.....	.10	.40
BORAGE. The leaves are used in salads.....	.10	.40
CARAWAY. The seeds are used in cakes and medicines.....	.10	.25
CORIANDER. Seeds used for flavoring.....	.10	.25
DILL. Seeds are used for flavoring.....	.10	.20
FENNEL, SWEET. For flavoring.....	.10	.40
FENNEL, FLORENCE. In flavor resembles Celery.....	.10	.50
HOREHOUND. Useful for its tonic properties...	.10	.60
LAVENDER. For oil and distilled water.....	.10	.60
MARJORAM, SWEET. Used in seasoning.....	.10	.50
ROSEMARY. Yields an aromatic oil and water.	.15	.75
SAGE. A culinary herb, also used in medicines..	.10	.40
SAVORY, SUMMER. Used as a culinary herb..	.10	.50
THYME, BROAD-LEAVED. Used as a seasoning	.15	1.00
WORMWOOD. Has medicinal qualities.....	.10	.75

Esculent Roots and Plants

ASPARAGUS ROOTS	100	1000
WASHINGTON. Rust-resistant, vigorous and of wonderful quality. The shoots are large, straight and dark green in color. 3-year-old..	\$4.00	\$35.00
PALMETTO. 3-year-old.....	3.00	25.00
GIANT ARGENTEUIL. 3-year-old.....	3.00	25.00
		Doz.
ARTICHOKE PLANTS, Green Globe.		\$2.50
CHIVE PLANTS.		3.00
MINT PLANTS.		3.00
		100
HORSERADISH ROOTS, Maliner Kren.		\$2.50
	100	Doz.
RHUBARB ROOTS. Extra strong.....	\$35.00	\$3.50
TARRAGON ROOTS. Extra strong.....		3.50



Lawn Seed Mixtures

M.-S. Co.'s Special Lawn Grass Mixture

Weight per measured bushel, 28 to 30 lbs.

Our Special Lawn Grass Mixture is composed solely of the finest and heaviest seeds in the following varieties, carefully blended: **Chewings Fescue, South German Mixed Bent, Kentucky Blue Grass, Fancy Red Top, Rough Stalked Meadow Grass, Pacey's English Rye Grass.**

Lawn Grass Mixtures at a much lower price are very often sold, but the use of these can only lead to disappointment, if a really fine lawn is desired. This mixture is the very best that can be procured.

For new lawns we recommend sowing 100 lbs. to the acre. For renovating lawns use half of this quantity. 25 lbs. \$13.00. 100 lbs. \$50.00.

Central Park Lawn Grass Mixture

Weight per measured bushel 20 lbs.

A well-known mixture of high grade grasses that is still desired by many. 25 lbs. \$12.00. 100 lbs. \$45.00.

"Shady Place" Lawn Grass

This mixture is composed of grasses that are naturally adapted for growing under trees and shaded situations. 25 lbs. \$13.00. 100 lbs. \$50.00.

Lawn Restoring Grass Mixture

A mixture of grasses suited to take firm hold and grow quickly on hard, worn out or burned spots. 25 lbs. \$13.00. 100 lbs. \$50.00.

Lawn Tennis Grass Mixture

Composed of fine-leaved, deep rooting grasses that will produce a fine, close, elastic turf. 25 lbs. \$13.00, 100 lbs. \$50.00.

Terrace Grass Mixture

A mixture of deep rooting grasses suited for terraces and embankments, that takes firm hold and withstands drought and exposure. 25 lbs. \$13.00. 100 lbs. \$50.00.

Fair Green Mixture

Composed of dwarf spreading grasses, forming a close, velvety surface that improves from year to year. 25 lbs. \$12.00. 100 lbs. \$45.00.

Putting Green Mixture

This mixture consists of most suitable grasses for insuring a close, dense turf, essential for putting greens. 25 lbs. \$20.00. 100 lbs. \$75.00.

Special Mixtures for Hay and Permanent Pasture

These mixtures include the most nutritive and productive grasses suitable for laying down light, medium and heavy soils to permanent grass. State nature of soil when ordering. 25 lbs. \$10.00. 100 lbs. \$35.00.



General List of Grasses

Prices Subject to Change

	Lb.	100 lbs.
BENT, CREEPING (South German Mixed). Used extensively for lawns and putting green mixtures.....	.35	\$130.00
BENT, COLONIAL (<i>Agrostis tenuis</i>). This grass imported from New Zealand, is identical with Rhode Island Bent and makes a fine turf for putting greens.....	.25	120.00
BLUE GRASS, CANADA (<i>Poa compressa</i>). Excellent for poor, dry soil.....	.35	30.00
BLUE GRASS, KENTUCKY (<i>Poa pratensis</i>). One of the most valuable of our grasses.....	.35	30.00
CRESTED DOGSTAIL (<i>Cynosurus cristatus</i>). Should enter in moderate quantity in pasture and lawn mixtures.....	.50	45.00
FESCUE, CHEWING'S NEW ZEALAND (<i>Festuca Chewings</i>). This variety of Red Fescue imported from New Zealand is now recognized as one of the leading grasses for putting greens and fairways. Makes a fine, compact turf of a dark green color.....	.40	35.00
FESCUE, RED or CREEPING (<i>Festuca rubra</i>). Forms a dense turf and adapted for dry soils. Valuable for golf courses.....	.35	30.00
FESCUE, FINE-LEAVED SHEEP (<i>Festuca ovina tenuifolia</i>). A fine-leaved variety, valuable for putting greens.....	.45	40.00
FESCUE, HARD (<i>Festuca duriuseula</i>). A dwarf growing hardy grass of great value.....	.35	30.00
FESCUE, MEADOW (<i>Festuca pratensis</i>). Valuable for permanent pastures.....	.25	20.00
FESCUE, SHEEP'S (<i>Festuca ovina</i>). Thrives on dry uplands and on poor shallow soils.....	.35	30.00
ORCHARD GRASS (<i>Dactylis glomerata</i>). Valuable for sowing in shaded locations and among fruit trees in orchards.....	.30	25.00
RED TOP FANCY RE-CLEANED (<i>Agrostis alba</i>). Excellent for lawns and permanent pastures. Stands the heat admirably.....	.35	30.00
ROUGH-STALKED MEADOW (<i>Poa trivialis</i>). A spreading, thickly matting, stoloniferous-rooted species; leaf blades narrow, flat, and dark green in color. Forms a fine turf and adapted for shady situation on fairways under trees.....	.40	35.00
RYE GRASS, PACEY'S PERENNIAL (<i>Lolium perenne Pacey's</i>). This variety used in a mixture is an excellent "nurse" grass where a quick turf is desired. It produces a verdant growth four or five weeks after sowing. The leaves are narrow, flat and smooth.....	.30	25.00
RYE GRASS ITALIAN (<i>Lolium italicum</i>). An annual for hay mixtures, or for the Southern lawn in Fall.....	.30	25.00
TIMOTHY (<i>Phleum pratense</i>). The standard grass for hay.....	.20	15.00
WOOD MEADOW GRASS (<i>Poa nemoralis</i>). Valuable for growing under trees and shaded situations.....	.65	60.00



Clovers

Prices Subject to Change

Sow 30 to 40 lbs. to the acre Lb. 100 Lbs.

ALFALFA, or LUCERNE (<i>Medicago sativa</i>). Valuable as a forage crop, produces enormous crops (Northern grown).....	.35	\$30.00
ALFALFA GRIMM. Hardier and more pro- ductive than the ordinary Alfalfa. Thrives well on hard pan soils, and is better suited to wet soils than other kinds.....	.45	40.00
ALSIKE CLOVER (<i>Trifolium hybridum</i>). Very hardy, resists cold and wet.....	.35	30.00
CRIMSON or SCARLET CLOVER (<i>Trifolium</i> <i>inearnatum</i>). An annual variety of rapid growth valuable as a cover crop or for green manuring. Sow 20 lbs. to the acre.....	.20	18.00
MEDIUM RED CLOVER (<i>Trifolium pratense</i>). The common red Clover and the most valuable.	.40	35.00
MAMMOTH RED CLOVER or PEA VINE. Grows taller and lasts longer than the Medium Red.....	.45	40.00
WHITE CLOVER (<i>Trifolium repens</i>). The best variety for lawn mixtures.....	.65	60.00
SWEET CLOVER, BOKHARA (<i>Melilotus alba</i>). Used on poor, light soils when other Clovers do not take well.....	.15	12.00

Farm and Field Seeds

Prices Subject to Change

Bus.

BARLEY, Beardless (<i>Sow 2 bushels to the acre</i>).....	\$3.50
BEANS, Soja Mammoth Yellow (<i>Sow 3/4 bushel to the acre</i>).....	5.00
BUCKWHEAT, Japanese (<i>Sow 1 bushel to the acre</i>)....	3.50
FIELD CORN, Golden Nugget. The best Flint Corn.	5.00
Improved Leaming. The most popular Dent Corn..	4.50
(8 quarts Field Corn will sow 1 acre in hills). (3 bushels will sow 1 acre broadcast).	
FODDER CORN, Southern Horsetooth. Valuable for ensilage.....	4.00
Sweet Fodder. For feeding green.....	5.50
	Lb. 100 lbs.
MILLET, Hungarian. A favorite Summer forage crop.....	\$0.15 \$10.00
Golden. A heavier cropper than the Hungarian .15	10.00
Japanese. Grows tall, a quick growing variety .15	12.00
(50 lbs. Millet will sow 1 acre).	Bus.
OATS, Storm King. The kernels are large and plump; a heavy yielder.....	\$2.50
(2 to 3 bushels will sow 1 acre).	
PEAS, Canada Field. Valuable for cattle feeding and ensilage.....	5.00
Whippoorwill Cow. A popular early maturing variety.....	6.00
(2 bushels will sow 1 acre).	Lb. 100 lbs
RAPE, Dwarf Essex. Fine for sheep pasture..	\$0.20 \$15.00
(10 lbs. will sow 1 acre broadcast).	Bus.
RYE, Spring. An excellent catch crop.....	\$3.25
Winter. Sow in August and September.....	3.25
(2 bushels will sow 1 acre).	Lb. 100 lbs
VETCH, Spring. Valuable for green manuring.\$0.15	\$12.00
Winter. Excellent for feeding green.....	.25 20.00
(2 bushels will sow 1 acre).	Bus.
WHEAT, Spring Marquis (Beardless). The standard sort.....	\$3.50
Winter Red Wave (Beardless). The most produc- tive.....	Market price
(1 1/2 bushels will sow 1 acre).	



GLADIOLUS

On this and following pages are listed all the latest novelties and the best of the older kinds in the large-flowering classes while the distinct and beautiful Primulinus types are also well represented.

Special and Newer Varieties

	Doz. 100
Bagdad. A blending of dark rose and slate grey; one of the best in the smoky varieties.....	\$3.50 \$25.00
Bill Sowden. Immense flowers of deep blood red.	2.75 20.00
Blue Danube. Pure amethyst blue with splendid dark blotch; tall, well formed spike.....	5.00 40.00
Blue Triumphantor. Pale soft China blue, with silver gloss, lower petals with markings of bluish purple. Considered the finest and largest blue variety ever introduced.....	7.00 55.00
Charles Lindbergh. Clear pink, with light throat; large blooms on tall spike.....	5.00 40.00
Coronado. Heavily ruffled white with a royal purple throat; flowers very large.....	2.00 15.00
Frederick Christ. Delicate La France pink, canary yellow throat; a beautiful color combination.....	2.25 18.00
Gertrude Pfitzer. Light China blue; violet blotch.....	2.75 20.00
Golden Cup. Clear yellow, deeper and larger than Golden Dream.....	Each \$1.00, 10.00
Lady Macbeth. Large red, lighter throat.....	1.00 7.00
Margaret Fulton. Rich deep salmon, faint apricot throat; unusual color.....	5.00 40.00
Mexican Fire Opal. Deep rich orange.....	1.50 10.00
Michigan Giant. Dark salmon flowers of enormous size, well placed on tall, straight spike.....	5.00 40.00
Morocco. Deep maroon, considered the best in this color.....	1.50 10.00
Paisley. Odd shade of rose and gold, shrimp pink in center of petals.....	1.50 10.00
Paul Pfitzer. Brilliant velvety purple, large, massive flowers, on strong stems.....	1.25 8.00
Picardy. Soft apricot pink; an excellent variety.	2.75 20.00
Pelegrina. Deep violet blue, lower petals somewhat darker; the best in its color.....	7.50 60.00
Red Roy. Rich red with cream blotches.....	1.75 12.00
Rosa Bella. Rich pink with no markings; considered the very best clear pink.....	5.00 40.00
Schwaben Girl. Pure pink self color; very early.	4.00 30.00
Seabrook White. New white exhibition variety with slight purple markings in throat; large, wide open slightly ruffled florets. A fine variety.	Each \$1.00, 10.00
Senorita. Large, clear wide open orange, shading to salmon red penciling on lower petals.....	1.00 6.00
Stuttgartia. Rich brilliant orange scarlet.....	1.75 12.00
Toberson. Fine deep yellow.....	1.25 8.00
Winged Victory. Immense flowers with pointed petals of a rich, deep pink.....	3.50 25.00



Choice Standard Varieties •

Doz. 100

Aida.	Striking dark blue, with two small lilac blotches in throat. Large flowers on strong, straight spike.....	.75	\$1.75	\$12.00
Albania.	Pure glistening white, flower wide open, 4 in. and over in diameter.....	.60	4.00	
Albatross.	Unquestionably one of the best and largest white Gladiolus; the flowers are absolutely without blotches or throat markings..	2.25	18.00	
America.	Soft lavender-pink.....	.60	4.00	
Anna Eberius.	Dark velvety purple with deeper throat, large flowers with spikes 3 to 4 ft. high.	.60	4.00	
Annie Laurie.	White, flushed pink, semi-ruffled, with slight markings of same color in throat. A variety of exceptional merit.....	.75	5.00	
Baron Hulot.	Dark violet-blue.....	1.00	6.00	
Betty Nuthall.	One of the best of the recent introductions. Fine, tall and straight grower, having beautiful salmon pink flowers with yellow throat, beautifully placed.....	1.25	8.00	
Berty Snow.	The tall, straight spike and healthy growing habit of this variety with its very large florets of beautiful clear lavender, makes it one of the finest acquisitions to date.....	1.25	8.00	
Byron L. Smith.	Lavender-pink, on white ground, very fine.....	1.00	6.00	
Captain Boynton.	White, well brushed with lavender, with maroon blotch on lower petals. Large blooms of good substance.....	.75	5.00	
Catherine Coleman.	Coral pink with throat markings of American Beauty tinge. A rare and exceedingly choice variety.....	1.50	10.00	
Charles Dickens.	A strong growing, bright radiant purple with many blooms open at a time. An outstanding variety.....	1.00	7.00	
Commander Koehl.	Dark scarlet blood red. Considered as one of the very best dark reds..	1.75	12.00	
Coryphee.	The purest pink imaginable; large, round well formed florets, from 8 to 10 open at a time, on tall, strong stem.....	2.00	15.00	
Crimson Glow.	Rich crimson, large open flower.	.75	5.00	
Dr. F. E. Bennett.	Deep peach red overlaid with flame scarlet, most fiery red imaginable. Flowers of the very largest size with many open at once. The most perfect red we have ever seen.....	.75	5.00	
Duchess of York ("Oiseau Bleu").	Large blue, very fine.....	1.00	6.00	
Giant Nymph.	Light rose pink with creamy yellow throat. Will grow 6 ft. high and produce blooms over 6 in. in diameter.....	1.00	6.00	
Gloriana.	Fine, large salmon with yellow throat, no other markings; tall and beautiful.....	.75	5.00	
Golden Dream.	Clear, deep yellow recurved flowers; very distinct and attractive.....	.75	5.00	
Golden Measure.	Large, dark golden yellow..	.75	5.00	
Halley.	Beautiful, early-blooming variety, with large flowers of a delicate salmon-pink.....	.60	4.00	
Henry Ford.	Dark purple, large blooms.....	.75	5.00	
Heavenly Blue.	Delicate sky blue, flowers well placed on a very tall straight spike.....	1.75	12.00	
Jane Addams.	An outstanding delicate lavender pink, large blooms of glistening pleasing color	1.50	10.00	

A Garden for Every Home

GLADIOLUS—Continued

	Doz.	100
Joerg's White. Pure glistening white, one of the largest.....	\$1.75	\$12.00
John T. Pirie. Mahogany brown, with yellow bordered brown throat.....	1.00	6.00
Kirchoff's Violet. Deep, rich velvety violet. Tall spike.....	1.25	8.00
La Paloma. Large pure orange of fine substance; tall, strong, healthy grower.....	1.50	10.00
Le Marechal Foch. Immense flowers of soft light pink, a most desirable early flowering variety..	.60	4.00
Longfellow. Entire flower of the clearest "La France" pink.....	.75	5.00
Los Angeles. Shrimp pink, tinted orange with orange tinted carmine throat. Very early.....	.60	4.00
Mary Pickford. An extraordinary flower and spike, of most delicate creamy white, throat soft sulphur yellow.....	.75	5.00
Mrs. Francis King. Brilliant flamingo pink, blazed with vermillion red.....	.60	4.00
Mrs. Dr. Norton. Beautiful lavender-pink, with sulphur-yellow blotch in throat.....	.75	5.00
Mrs. Frank Pendleton. Bright rose-pink with velvety dark purple blotch.....	.75	5.00
Mrs. F. C. Peters. Beautiful shade of rose-lilac, with crimson blotch, bordered white on lower segment.....	.75	5.00
Mrs. Ella G. Morrison. Very tall shell pink with light throat.....	1.00	7.00
Mrs. P. H. Sisson. Clear cameo pink of large size	1.00	6.00
Mme. Von Konyenburg. One of the finest blue varieties to date, beautifully formed flowers on a tall spike.....	1.25	8.00
Mrs. F. C. Hornberger. This is positively one of the finest white varieties ever produced. The flowers are large, pure white, nicely ruffled and of remarkable texture.....	1.25	8.00
Mrs. Leon Douglas. Ground color, Begonia rose striped with brilliant scarlet. Pale lemon lip, slightly speckled ruby. One of the largest showiest and most vigorous varieties in existence.....	.75	5.00
Mr. W. H. Phipps. Beautiful flesh pink with about 22 blooms to a spike and nearly all opening at the one time.....	1.00	6.00
Marmora. Lavender gray with Petunia colored blotch. Immense size, sensational exhibition variety.....	1.25	8.00
Mother Machree. Vinaceous lavender overlaid with shade of salmon pink toward the edges; very attractive.....	2.00	14.00
Minuet. Self colored lavender, very large flower of heavy substance. Experts who have seen this variety agree that it will become the leader in this color.....	1.25	8.00
Niagara. Creamy yellow, throat shaded deeper.	.60	4.00
Orange Queen. Orange-yellow, with small red stripe on lower petals.....	1.00	6.00
Panama. Very large deep pink; one of the best.	.60	4.00
Persia. Tall spike of deepest maroon.....	1.00	6.00
Pink Wonder. Pale pink, with rose feathering.	1.00	6.00
Pearl of California. Clear, soft La France pink. blending to rosy white center. Strong, upright grower, flowers of excellent quality measuring 5 in. in diameter on long spike.....	1.50	10.00



GLADIOLUS—Continued

	Doz.	100
Fitzter's Triumph. Orange salmon, blotched red on lower petals. A giant exhibition variety.	\$1.25	\$8.00
Primrose Princess. Considered the best yellow variety introduced and is sure to become popular.....	1.25	8.00
Prince of India. Smoky gray, pencilled slaty blue. An odd variety.....	1.25	8.00
Prince of Wales. An early, large-flowered variety of a delightful salmon shade.....	.75	5.00
Purple Glory. Deep velvety maroon-red with almost black blotches.....	1.00	6.00
Rev. Ewbank. Fine porcelain blue.....	1.00	7.00
Richard Diener. Beautiful rose salmon with creamy yellow center; a wonderful spike with 10-12 perfectly placed blooms open at one time.	1.00	6.00
Rose Ash. Corinthian red, shading to ashes of roses on the outer edges. Lower petals light yellow, speckled with ruby.....	.75	5.00
Salbach's Pink. Glowing Geranium pink with soft carmine tongue, petals slightly recurved; large wide open flowers, on tall, graceful spike.	2.50	18.00
Saraband. Very large, wide open flower of rich velvety Bordeaux. A fine variety of a very unusual color and sure to become popular.....	1.00	7.00
Schwaben. Clear yellow with crimson throat..	.75	5.00
Sunnymede. Rare shade of orange yellow. Fine spike with many well placed blooms open at a time.....	.75	5.00
Veilchenblau. Violet blue flowers of large size and considered one of the best of the newer blue varieties.....	1.25	8.00
Virginia. Beautiful soft raspberry red, shading to Begonia rose in throat. Large, wide open flowers, well placed. A charming variety. Fine for early forcing.....	.60	4.00
White Wonder. A magnificent pure white without any markings in the throat.....	1.00	6.00

Primulinus Hybrids

Primulinus Hybrids are distinguished mainly for their fine and various shades of yellow, orange, and saffron tones. The flowers are borne on graceful stems and when cut are of splendid decorative value.

	Doz.	100
Ada de Poy. Beautiful Primulinus hybrid of clear apricot with bronze shadings. Long spike of well placed flowers.....	\$1.00	\$6.00
Aflame. An outstanding red "Primulinus," enormous flowers on tall spike.....	1.25	8.00
Alice Tiplady. A beautiful orange saffron; one of the best.....	.60	4.00
Apricot Glow. Beautiful warm buff color, edged soft apricot.....	1.00	6.00
Copper Bronze. Deep salmon bronze, overlaid with a coppery shade.....	.75	5.00
Dorothy Wheeler. Richest rose-pink, with lighter throat.....	1.00	6.00
Ethelyn. Beautiful shade of orange yellow, petals tipped with bronze. One of the best...	.60	4.00
GOLDEN FRILLS. Deep rich yellow with red blotches on lower petals; beautifully ruffled..	.75	5.00



GLADIOLUS—Continued

	Doz.	100
Jewel. A combination of apricot and yellow, with canary throat. Large, open flowers, extra fine.....	\$0.75	\$5.00
"JOERG'S YELLOW PRIM." A distinct pure yellow "Primulinus" with just one faint crimson midrib on the lower petal. The flowers are large and wide open.....	1.50	10.00
"JOERG'S WHITE PRIM." Pure white. The lower petals are pale yellow down in the throat, with the faintest rose veinings.....	2.00	15.00
Juniata. Very dainty pink, with white throat..	1.50	10.00
LILAC WONDER. This variety fills a demand for strong growing Lilac Primulinus. Its graceful form and pleasing color make it admired by all.....	1.50	10.00
Maiden's Blush. Enchantress pink flowers on stiff, slender stems, extremely early.....	.60	4.00
Ming Toy. Showy deep buff, yellow throat, very large flower of finest form.....	.75	5.00
Mrs. Calvin Coolidge. Soft salmon rose pink, lower petals creamy yellow, bordered pink...	1.00	6.00
Myra. Deep salmon, over yellow ground, yellow throat, pink lines.....	.60	4.00
Patricia Carter. Soft light shrimp pink; one of the best ever introduced.....	1.25	8.00
PHANTASY. The color is clear salmon-yellow, edged pink, with crimson-veined throat; extremely early.....	1.00	7.00
Picotee. An interesting variety, with red florets and a distinct border of yellow. Fine for table decoration.....	1.25	8.00
Prince of Orange. Orange salmon, unusual bright color; tall spike.....	.75	5.00
Rose Luisante. Beautiful light pink, lower petals a shade lighter.....	.75	5.00
Salmon Beauty. Deep orange-salmon with a rich salmon yellow throat, a very large and showy flower.....	.75	5.00
Scarlet Bedder. Clear scarlet red, a magnificent variety and one of the best red Primulinus....	1.00	6.00
Shell Pink. Large flowers of beautiful shell pink. Tall and graceful spike.....	.75	5.00
Souvenir. Pure canary yellow, large stalks and well placed flowers. The finest pure yellow "Primulinus".....	.75	5.00
The Orchid. A distinct variety with long, narrow petals, slightly notched and ruffled. The color is orchid over white, with rose-lilac feathering in throat.....	1.25	8.00
Topaz. With its beautiful salmon-pink and buff color, extreme earliness and high percentage of flowers, this elegant variety combines all that can be desired in any Gladiolus.....	.75	5.00
White Butterfly. One of the finest and most popular white "Primulinus" grown. Strong grower, blooms of good substance, and very lasting.....	1.00	6.00

PRIMULINUS SELECTED HYBRIDS. A very select mixture comprising all of the choicest varieties. Highly recommended for forcing. Doz. \$1.00, 100 \$7.00.



DAHLIAS

New and Recent Introductions

Tubers Plants

Ameila Earhart (Semi-Cac.)	Buff and salmon large and distinctive.....	\$10.00	\$5.00
Jane Dew (Informal Dec.)	Fine large, mallow pink.....	7.50	3.75
Jersey's Autumn Beauty (Formal Dec.)	A sport from Jersey's Beacon; the color is a soft yellow orange.....	10.00	5.00
Jerome Kern (Informal Dec.)	Soft shrimp pink; large and free bloomer.....	7.50	3.75
Jersey's Sunglow (Formal Dec.)	Golden yel- low, shading to picric yellow. Large and handsome variety.....	10.00	5.00
Jersey's Majestic.	Copper, suffused with a golden sheen; reverse petals amaranth pink; strong and vigorous grower.....	7.50	3.75
Murphy's Masterpiece (Informal Dec.)	Large and finely shaped flower of the deepest crimson	10.00	5.00
Myra Howard (Informal Dec.)	Pure gold; a fine, large flower of the best exhibition type..	4.00	2.00
Omar Khayyam (Formal Dec.)	Light Oriental red and orange.....	2.00	1.00
Rudy Vallee (Semi-Cac.)	Reddish apricot and gold; a beautiful variety.....	4.00	2.00
White Wonder (Informal Dec.)	Pure white; large and well formed flowers.....	10.00	5.00

Choice Standard Varieties

Tubers Plants

Antartica (Dec.)	Pure white, of large size; long, sturdy stems.....	\$1.00	\$0.50
Asbury Park (Dec.)	Light coral-pink; a large and vigorous growing variety.....	3.00	1.75
Atlantic City (Formal Dec.)	Orange; splendid cut flower.....	1.50	.75
Cameo (Informal Dec.)	True coral pink, deep- ening towards the center, petals being overlaid with a glistening golden sheen; reverse of zetals deep rose pink.....	10.00	5.00
Cynthia (Informal Dec.)	Light mallow purple. The flowers are very large and massive on splendid stems.....	2.50	1.25
Champoege (Formal Dec.)	Canary yellow at the center and shades into a salmon pink.....	2.00	1.00
Color Sargeant (Informal Dec.)	Rich deep salmon bronze flowers.....	.75	....
Dorothy Stone (Dec.)	A huge rose pink exhibi- tion variety. A rival of Kathleen Norris in a different shade.....	1.00	.50
Edna Ferber (Semi-Cac.)	Coral and old rose.	.75	.50
Fort Monmouth (HC.)	Rich crimson maroon, and just a faint tinge of bluish violet at tips of petals. One of the giants of the Dahlia world.	1.00	.50
F. W. Fellows (Cac.)	Beautiful orange, large blooms.....	.75	.50
Ida Perkins (Dec.)	Clear white, the flowers are large and well formed.....	.50	....



DAHLIAS, Choice Varieties—Continued

Tubers Plants

Jane Cowl (Dee.) A large flower of a warm buff and old gold, blending to a bright salmon at the center.....	\$0.50	....
Jersey's Beacon (Dec.) The color is Chinese scarlet with a paler reverse, giving it a two-toned effect.....	.50	....
Jersey's Beauty (Informal Dec.) A perfect bloom of erosine pink, carried high above the foliage on a long, wiry stem.....	.50	....
Jersey's Harmony (Dee.) Blush, shading to white in the center and the center florets when opening are streaked with amaranth pink....	1.00	\$0.50
Jersey's Melody (Semi-Cac.) Tyrian rose, shading to silver on the tips with a silver reverse.....	2.50	1.25
Jersey's Triumph (Dee.) This excellent variety has the same habit as Jersey's Beauty. The color, however, is entirely different and is a real Autumn shade of bright copper flushed with salmon bronze.....	.75	.50
Jean Trimbee (HC.) The flowers of this beautiful variety are very large, many over 12 in. and a rich Petunia violet in color. It has a strong, vigorous habit and the large, attractive flowers are produced very freely.....	2.50	1.25
Katherine Cole (Dec.) The color of this excellent variety is a beautiful combination of light pink and cream. The tips of the petals are pink, shading to cream, with a pink center..	.75	.50
Kathleen Norris (Dee.) True rose pink, later deepening to mallow pink; a bloom of gigantic proportions.....	1.00	.50
Mabel S. Douglas (Dec.) This is one of the largest new Dahlias. In color it is a clear pastel lavender and for a large Dahlia the stem is exceptionally good and the foliage and habit of growth are excellent.....	1.00	.50
Monmouth Champion (Dec.) A strong, vigorous grower producing extra large blooms of a brilliant orange flame.....	1.50	.75
Margaret Woodrow Wilson (Dee.) The flowers of this splendid exhibition variety are large, of an opalescent pink, face of petals creamy white with a Phlox pink reverse.....	.50	....
Marmion (Dee.) Pure golden yellow with a bronze suffusion on the reverse of the petals..	1.00	.50
Mrs. I. de Ver Warner (Dee.) Cattleya color, large and very fine.....	.50	....
New Glory (Semi-Cac.) Oxblood red, white tips.	1.50	.75
The World (Formal Dec.) Rich, deep rosy magenta overlaid violet, with silver shadings on edges of petals.....	.50	....
Thos. A. Edison (Formal Dec.) Gorgeous dark purple.....	1.00	.50
Treasure Island (Dec.) Bright apricot with gold and rose suffusion .....	.75	....
Trentonian (Dec.) The color is a wonderful blending of old gold, amber and coppery bronze, the whole forming a flower of marvelous brilliancy.....	.50	....
Violet Wonder (Formal Dec.) Deep violet, strong stem and perfect flower.....	.75	....



DAHLIAS, Choice Varieties—Continued

Tubers Plants

Watchung Sunrise (Dec.) A rich golden yellow suffused amaranth pink towards the outer petals.....	\$0.75	\$0.50
Yankee Queen (Formal Dec.) Pink and white. .50 .....	.50	....
Yellow Beauty (Formal Dec.) Pure empire yellow; a valuable variety for cutting..... 1.00 .50	1.00	.50

Pompon Dahlias

Pompon Dahlias are very similar to the Show Dahlias, only smaller. They are of medium growth and well suited for the border. This class was very popular years ago, and, with a great many other things, is regaining the favor of the flower lover.

Tubers

Amber Queen. Amber, shaded apricot.....	\$0.50	
Belle of Springfield. Crushed strawberry; one of the smallest.....	.50	
Brunette. Crimson, showing white.....	.50	
Dee Wee. Pure lavender.....	.50	
George Ireland. Beautiful mauve.....	.50	
Glow. Light rose pink.....	.50	
Joe Fette. Pure white.....	.50	
Lassie. Yellow base, old rose shadings.....	.50	
Little David. The deepest shade of orange; small blooms.....	.50	
Little Jewel. Pink, miniature decorative.....	.50	
Mike. Burnt orange.....	.50	

Orchid-Flowering Dahlias

This fine new race is certainly due great popularity for landscape effect, gardens, table arrangements, and dainty decorations. The bushes are compact, free branching, and exceedingly prolific bloomers. Most of them are 4 to 5 inches in diameter and 2 to 3 feet in height. They do wonderfully well when pinched or cut back for landscape effect, but should not be thinned out nor disbudded. If Orchid-flowering or Single Dahlias are cut before the pollen shows, they will hold their petals and keep for days.

Tubers Plants

Chamoise. Yellow and orange.....	\$1.00	\$0.50
Everest. Pure white.....	1.00	.50
Firefly. Crimson.....	1.00	.50
Mavis. Cattleya color.....	1.00	.50
Polly. Orange.....	1.00	.50
Ruby. Ruby red.....	1.00	.50

Single Dahlias

These have become very popular for cutting purposes. We list a few of the best varieties.

Eckford Century. Large pure white, spotted pink; a profuse bloomer.....	\$0.50	
Etoile de Foch. Pale yellow salmon reverse.....	1.00	
Newport Angel. An extremely large white with pointed petals and long stems.....	.50	
Newport Wonder. Beautiful rose pink.....	.50	
Tango. A tawny orange shade, profuse bloomer, on long stems.....	.50	



HARDY LILIES

(Prices subject to change) Doz. 100

Auratum (The Golden-rayed Lily of Japan).

Pure white, thickly studded with crimson spots, and a clear, golden band through the center of each petal.

Jumbo Bulbs, 11-13 in.....	\$7.00	\$50.00
Mammoth Bulbs, 9-11 in.....	5.00	35.00

Auratum platyphyllum. The largest flowered variety of Auratum; white, heavily spotted yellow.

Jumbo Bulbs, 11-13 in.....	8.00	60.00
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Speciosum album. Pure white.

Mammoth Bulbs, 9-11 in.....	7.00	50.00
Large Bulbs, 8-9 in.....	5.00	35.00

Speciosum rubrum magnificum. The most popular variety grown. Rich carmine on white ground with crimson spots.

Jumbo Bulbs, 11-13 in.....	7.00	50.00
Mammoth Bulbs, 9-11 in.....	5.00	35.00

Speciosum melpomene. Same habit as magnificum, but darker in color.

Jumbo Bulbs, 11-13 in.....	7.00	50.00
Mammoth Bulbs, 9-11 in.....	5.00	35.00

Henryi (The Yellow Speciosum). Rich, golden yellow, lightly spotted with brown.

Mammoth Bulbs.....	8.00	60.00
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Myriophyllum (Regale). Flowers white, slightly suffused with pink, with a beautiful shade of canary-yellow at the center.

Large Bulbs.....	8.00	60.00
Jumbo Bulbs ...Each \$1.00.....	10.00	80.00

Batemanni. Reddish-orange..... 4.00 30.00

Browni. Creamy white inside, purple outside.. 10.00 75.00

Canadense. Bell-shaped blossoms, bright yellow with red stripes..... 2.00 15.00

Elegans, Leonard Joerg. Rich, apricot-spotted. 3.50 25.00

Hansoni. Reddish-orange flowers, 8 to 12 in a cluster..... 7.00 50.00

Pardalinum (Leopard Lily). Scarlet and yellow, spotted rich brown..... 4.00 30.00

Superbum. Bright orange, tipped red, spotted flowers..... 3.00 20.00

Testaceum. Nankeen yellow..... Price on application

Tenuifolium. Brilliant scarlet..... 3.50 25.00

Tigrinum splendens. Orange, spotted black.. 3.00 22.00

Umbellatum grandiflorum. Orange-red..... 3.50 25.00

Liliums from Cold Storage

Write for prices.

Lily-of-the-valley Clumps

The stock we offer are strong clumps, especially suited for outdoor planting. Doz. \$5.00, 100 \$40.00.

Lily-of-the-valley Pips (Cold Storage)

(Will bloom in 21 days after planting)

We make a specialty of Lily-of-the-valley; the grade we handle is the very best that can be procured and we are constantly receiving testimonials as to its superior quality. Place your orders now, for present and future deliveries.

Selected Pips..... Case of 250 \$17.50, 500 \$34.00



MISCELLANEOUS BULBS and ROOTS

Achimenes

Profuse blooming tender perennials for greenhouse and conservatory decoration. Doz. 100

Achievement. A new variety; the color is a beautiful clear pink.....	\$6.00	\$40.00
Orchidea. Cattleya pink, very fine.....	3.00	20.00
Dainty Queen. White with pink eye.....	3.00	20.00
Magnifica. Beautiful deep blue.....	3.00	20.00
Marguerita. Large pure white flowers.....	3.00	20.00
Purity. White, dwarf grower.....	3.00	20.00
Purple King. Fine rich purple.....	3.00	20.00
Supreme. Purple with light center.....	3.00	20.00
Swansonii. Mauve, mottled blue.....	3.00	20.00

Amaryllis, Giant Hybrids

The strain we offer is the finest that has ever been produced in this country. Doz. 100

Large Bulbs in Choice Mixture. Each \$1.00, \$10.00 \$75.00

Begonias, Tuberous-rooted

GIANT SINGLE FLOWERING Doz. 100

Crimson, Pink, Orange, Salmon, Rose, Yellow, White.....	\$3.50	\$25.00
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GIANT DOUBLE FLOWERING

Crimson, Pink, Salmon, Rose, Yellow, Scarlet, White.....	4.00	30.00
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Fancy-leaved Caladiums

No other Summer foliage plants equal the Fancy-leaved Caladiums in their rich and gorgeous, yet soft coloring, and wherever high-class decorations are required they are indispensable. Each Doz.

Choice Named Varieties..... \$0.40 \$4.00

Calla elliotiana

(YELLOW CALLA) Doz. 100

Large Bulbs..... \$7.00 \$55.00

Cannas Dormant Roots

City of Portland. Beautiful rose-colored flowers. 4 ft.

Gladiator. Deep yellow, dotted with red. 4½ ft.

King Humbert. Orange scarlet, the most popular variety; bronze foliage. 5 ft.

Meteor. Deep red flowers, freely produced. 4 ft.

Richard Wallace. Large canary yellow flowers. 4 ft.

The Ambassador. Large cherry red; bronze foliage. 5 ft.

The Gem. Deep cream, with carmine dots. 4½ ft.

The President. Immense glowing scarlet. 5 ft.

Uhlberg. Rosy carmine, with creamy yellow markings. 3½ ft.

Wintzer's Colossal. Brilliant scarlet. Orchid type flowers.

5 ft.

Wyoming. Immense spikes of orange flowers; bronze foliage. 6 ft.

Yellow King Humbert. Yellow, with red dots. 4½ ft.

Any of the above, \$2.00 per doz., \$15.00 per 100

Dielytra or Dicentra

Spectabilis (Bleedingheart). An old-fashioned favorite, its long racemes of graceful heart-shaped pink flowers are always attractive.... \$7.50 \$60.00



Gloxinias

One of the most charming and effective of Summer-flowering bulbs for the conservatory or window garden.

Doz. 100

Blue, Pink, Red, Purple, White, and Mixed. \$5.00 \$40.00

Hyacinthus candidans

A hardy, Summer-flowering Hyacinth, producing erect spikes 3 feet in height, of pure white, bell-shaped flowers.

Doz. 100

Large Bulbs \$1.75 \$12.00

Ismene (Calathina Grandiflora)

Clusters of large, fragrant, pearly white flowers, resembling the Amaryllis family.

Doz. 100

Large Bulbs \$3.00 \$22.00

Montbretias

Doz. 100

Fire King. Bright scarlet-red..... \$1.00 \$6.00

Geo. Davison. Pure golden yellow, a very popular variety..... 1.25 8.00

His Majesty. Exceptionally large, clear yellow flowers shaded crimson scarlet. An outstanding variety..... 3.00 22.00

King Edmund. Fine orange-yellow..... 1.25 8.00

Lord Nelson. Deep orange scarlet, yellow eye, large flower, very beautiful..... 1.50 10.00

Princess. Brilliant ruby scarlet, yellow center, small crimson blotches..... 2.00 15.00

Star of the East. Pale orange with lemon yellow eye, large flowering variety; one of the best. 4.50 35.00

Una. A charming variety with flowers of a light orange with crimson reverse..... 2.00 15.00

Tritoma Rockery Hybrids

A new strain of dwarf growing hybrids, flowers ranging from straw white through various yellow and orange shades. They bloom continuously from early Summer until frost.

Doz. 100

Strong Roots \$3.50 \$25.00

Tigridia Hybrids

Doz. 100

Very Showy Summer-flowering Bulbs, growing about 24 in. in height..... \$2.50 \$18.00

Tuberoses

Doz. 100

Excelsior "Double Pearl." Pure white double-flowering..... \$1.25 \$8.00

Albino. Single white..... 1.25 8.00

Waterlilies

TROPICAL, OR DAY BLOOMING VARIETIES

(Delivery after June 1st in Strong Pot Plants)

Each

Grossherzog Ernst Ludwig. True blue with golden yellow center..... \$3.00

Mrs. C. W. Ward. Deep rosy pink..... 2.50

Mrs. Edwards Whitaker. Sky blue, one of the largest flowered varieties..... 3.00

Mrs. Geo. H. Pring. Immense snow white flowers freely borne throughout the entire Summer..... 3.00

Pennsylvania. Large rich blue..... 3.00

Zanzibariensis. Dark blue, very free flowering..... 2.00

Zanzibariensis azurea. Clear azure blue..... 1.50

Zanzibariensis rosea. Various shades of rose..... 1.50

(Varieties not listed can be supplied)

(Prices mailed on request)



WATERLILIES—Continued

TROPICAL NIGHT BLOOMING VARIETIES

	Each
Bissetti. Beautiful shade of rosy pink.....	\$2.50
Dentata Superba. The largest white variety.....	3.50
Frank Trelease. Glowing dark crimson.....	2.00
Geo. Huster. Brilliant crimson.....	2.50
Rubra Rosea. Rosy red, one of the best and largest....	2.00

(Varieties not listed can be supplied)
(Prices mailed on request)

Lotus or Nelumbiums

(Dormant Tubers from May 1st to June 1st)

	Each
Luteum (American Lotus). Yellow.....	\$2.50
Shiromani. Large, double white flowers.....	5.50
Speciosum (Egyptian Lotus). Deep rose, creamy white at base of petals.....	2.50

We can also supply **Hardy Waterlilies**. Varieties and prices mailed on request.

Zephyranthes

(ZEPHYR FLOWER or FAIRY LILY)

Beautiful, dwarf bulbous plant, very effective for massing in the border; also suitable for pot culture.	Doz. 100
Rosea. Beautiful clear rose.....	\$2.50 \$18.00

GREENHOUSE PLANTS

**For Delivery during the
Summer and Autumn**

AMPHICOME emodi. Greenhouse perennial. Flowers funnel-shaped, pink with yellow throat; produced from early December to March. 5 in. pots.....	Each \$2.00
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ANGELONIA salicariaefolia. A tender peren- nial which may be used as a pot plant, and it is a most desirable bedding plant, flower- ing all Summer. The flowers are purplish blue with white throat; grows about 12-15 in. high. 2½ in. pots.....	Doz. \$3.50, 100 \$25.00
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BEGONIA, Gloire de Lorraine, 2½ in. and 100 3 in. pots.....	\$45.00-\$60.00
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Glory of Cincinnati, 2½ in. and 3 in. pots.. 50.00- 65.00

Melior. 2½ in. and 3 in. pots..... 50.00- 65.00

Mrs. Peterson. 2½ in. and 3 in. pots..... 50.00- 65.00

Lady Mac. Improved Melior, color deep rose. 50.00- 65.00

HYBRID BEGONIAS (Winter Flowering Type).

Altrincham Pink. Double rose-pink.

Bowden Beauty. Double deep pink.

Emily Clibran. Double salmon.

Optima. Single orange-salmon.

Pink Perfection. Double light pink.

3-3½-in. pots, June delivery..... Each \$2.50

(Complete list will be mailed upon request)

Doz. 100

BOUVARDIA , pink and white, 2½-in. pots.....	\$3.50 \$25.00
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humboldti, 2½-in. pots..... 4.50 30.00

Giant Pink, Flowers as large as Humboldtii. 4.00 27.50

BUDDLEIA asiatica , 3-in. pots.....	4.50 35.00
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CALCEOLARIA hybrida , 2½-in. pots.....	4.00 30.00
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lymani, cinnamon red, 2½-in. pots..... 8.00 60.00

medfordi, velvety maroon, 2½-in. pots..... 8.00 60.00

stewarti, chrome-yellow, 2½-in. pots..... 8.00 60.00

Pink Beauty, 2½ in. pots..... 8.00 60.00

CHRYSANTHEMUM, Norma T. A very early flowering hardy variety. Begins to bloom in New England, where it originated about the 1st of August. Color golden yellow. Good, field grown clumps for May delivery.....	7.50 60.00
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GREENHOUSE PLANTS—Continued Doz. 100

CINERARIA <i>hybrida</i> , 2½-in. pots.....	\$2.00	\$15.00
<i>stellata</i> , 2½-in. pots.....	2.00	15.00
CINERARIA <i>hybrida</i> , "Cremer's Prize." An outstanding superior strain with large flowers which set above the relatively small foliage.		
Free flowering. 2½ in. pots.....	3.00	15.00
3 in. pots.....	3.50	25.00
CYCLAMEN (Giant Flowering). Best strain.		
Pure White, 3-in. pots.....	30.00	
White with Pink Eye, 3-in. pots.....	30.00	
Pink, 3-in. pots.....	30.00	
Glory of Wandsbek, 3-in. pots.....	35.00	
Salmon, 3-in. pots.....	30.00	
Red, 3-in. pots.....	30.00	
DIPLACUS <i>glutinosus</i> . An excellent greenhouse plant producing an abundance of orange or pale buff flowers. 3 in. pots.....	6.00	45.00
ERLANGEA <i>tomentosa</i> , 2½-in. pots.....	4.00	30.00
EUPHORBIA <i>jacquinæflora</i> , 2½-in. pots.....	30.00	
HYDRANGEAS . May-June delivery. 2½ in. pots.....	3.50	25.00
Blauer Prinz. Extra fine blue.		
Cendrillon. Bright carmine rose.		
Deutschland. One of the finest. Flowers large, deep pink overlaid with salmon.		
Freya. Light carmine, fringed flowers.		
Friedrich Matthes. Beautiful shell pink early.		
Gertrude Glahn. Deep rose pink, large flowers.		
Giselher. Dark carmine red.		
Goliath. Rose pink. Extra strong grower.		
Heiderosel. Carmine flowers with serrated petals.		
Launcelot. Light carmine, fringed petals.		
Le Pasteur. Large deep pink flowers.		
Lorelei. Bright carmine.		
Marechal Foch. Deep carmine.		
Mein Liebling. Large, clear light carmine flowers.		
KALANCHOE <i>globulifera coccinea</i> (New).		
This succulent makes a splendid Winter-flowering pot plant. The small, star shaped flowers are brilliant scarlet, produced in small clusters at top of growth, completely covering the plant. June delivery. 2½ in. pots.....	3.50	25.00
MARGUERITES , White, 3-in. pots.....	25.00	
Boston Yellow, 3-in. pots.....	25.00	
MOSCHOSMA <i>riparia</i> . Perennial greenhouse plant, producing small, creamy white flowers on erect panicles from December to February. After blooming the plants should be cut back and the young shoots used for cuttings for next year's plants. Spring delivery.		
2½ in. pots.....	3.50	25.00
3 in. pots.....	4.00	30.00
POINSETTIAS . True oak-leaved variety, 3-in. pots...	25.00	
PELARGONIUMS in 8 leading varieties, 3-in. pots.....	4.50	35.00
PRIMULA <i>malacoides</i> , in separate colors, 2½-in. pots.....	3.00	15.00
<i>malacoides erikssoni</i> . Strong growing variety with large flowers and long stems. Lavender pink. 2½ in. pots.....	3.00	15.00
<i>malacoides lelandi</i> . Flowers are lilac-pink with yellow center, measuring 1-1½ in. across, produced on long, stiff stems, 2½-in. pots.....	3.00	15.00
<i>obconica</i> , in separate colors, 2½-in. pots....	2.50	15.00
<i>sinensis fimbriata</i> , in separate colors, 2½ in. pots.....	2.50	15.00
SWAINSONA <i>galegifolia alba</i> . 3 in. pots....	2.00	15.00
SMALL FERNS , in variety, for Fern dishes, 2½-in. pots.....	12.00	



TOOLS and REQUISITES

(Prices subject to change without notice) Each

APRONS, Gardeners' (Imported)..... \$4.50

ASPARAGUS KNIVES, English..... 3.00

BAMBOO POLES, Tapering. Used for lawn sweeps,
etc. Each Each
12 ft..... \$0.15 24 ft..... .35
16 ft..... .20 26 ft..... .45
20 ft..... .30 30 ft..... .60

BASKETS: Vegetable. Oak splint bow handle.

No. 1—18x10 $\frac{1}{2}$ x6.....	1.50
No. 2—21x12x6 $\frac{1}{2}$	1.75
No. 3—23x13x7.....	2.00
No. 4—24x15x8.....	2.25
No. 5—26x16x8 $\frac{1}{2}$	2.50

BASKETS, Picking. For gathering Apples, Each Doz.
Pears, etc. $\frac{1}{2}$ bus. size, with drop handle....\$1.25

Wire Hanging. 10 in.....	.40	\$4.50
12 in.....	.60	6.50
15 in.....	.75	7.50
18 in.....	1.00	10.00

BELLOWS, Powder. Large, single cone..... 5.50

Powder. Large, double cone..... 7.50

BILL HOOKS, Double Edge. English, 9 in... 3.00

BLAKE'S LEVER CLIPS. For fastening Rose
wire..... Box of 500, \$1.75

BOXES, Folding. Made of strong cardboard. 100
21x5x3..... \$7.50
24x8x5..... 14.00
28x8x5..... 16.00
36x8x5..... 22.00

Corrugated. Heavy and durable.	25	100
20x7x4.....	\$4.50	\$15.00
28x8x5.....	5.50	20.00
30x12x6.....	8.00	30.00
36x14x8.....	11.00	40.00
48x14x8.....	13.50	50.00

BROOMS, Birch. For lawns..... Each \$0.75

Bamboo. Made of bamboo tips. For lawns... Each \$1.00

BURLAP. 36 in. wide.....	Per yard	.22
40 in. wide.....	Per yard	.25
48 in. wide.....	Per yard	.30

CANES, Bamboo. Green, thin. (Japanese)	1000
1 $\frac{1}{2}$ ft.....	\$3.00
2 ft.....	3.50
3 ft.....	4.50
4 ft.....	7.00
5 ft.....	9.00
6 ft.....	12.00
8 ft.....	20.00

Domestic, Natural. 6-9 ft..... 100, \$3.00, 28.00

Chinese (Natural Color). Stronger and better in
appearance than wooden stakes. 100

3 ft. x $\frac{3}{8}$ in.....	\$1.50
4 ft. x $\frac{1}{4}$ in.....	2.00
4 ft. x $\frac{3}{8}$ in.....	2.50
4 ft. x $\frac{1}{2}$ - $\frac{5}{8}$ in.....	3.00
4 ft. x $\frac{5}{8}$ - $\frac{3}{4}$ in.....	4.00
5 ft. x $\frac{5}{8}$ - $\frac{3}{4}$ in.....	5.00
6 ft. x $\frac{5}{8}$ - $\frac{3}{4}$ in.....	6.00
7 ft. x $\frac{5}{8}$ - $\frac{3}{4}$ in.....	7.00
8 ft. x $\frac{5}{8}$ - $\frac{3}{4}$ in.....	8.00
9 ft. x $\frac{3}{4}$ - $\frac{7}{8}$ in.....	10.00
9 ft. x $\frac{7}{8}$ -1 in.....	12.00

(Chinese canes can be supplied dyed green at a small
additional cost.)

CARNATION STAPLES..... 1000, .60



TOOLS and REQUISITES—Continued

CARNATION SUPPORTS , Model Extension.	Doz.	100
2-ring.....	\$1.25	\$7.50
3-ring.....	1.50	8.50
CEL-O-GLASS . A high-grade substitute for glass.		
Adapted for coldframes, hotbed sash, etc. In rolls		
36 in. wide and 100 ft. long.....	Per sq. ft.	.18
CELERY BLEACHERS . The B. & B.		100
6 in. x 12 in.....	\$3.00	
6½ in. x 13 in.....	3.25	
7 in. x 14 in.....	3.75	
Brass Handler for above.....		2.50
COTTON BATTING	Doz. sheets	\$1.00
DIBBLES . Iron point for transplanting.....	Each	.75
FLOWER POTS, PANS, ETC. (Earthenware.)		
(Packing extra at cost)	100	1000
Flower Pots , 2½-in.....	\$2.00	\$17.00
3-in.....	2.50	22.00
4-in.....	4.00	35.00
5-in.....	6.50	60.00
6-in.....	10.00	95.00
7-in.....	15.00	...
8-in.....	22.00	...
9-in.....	35.00	...
10-in.....	50.00	...
12-in.....	90.00	...
FLOWER POT SAUCERS .	Doz.	100
4-in.....	\$0.50	\$3.00
5-in.....	.60	3.75
6-in.....	.85	5.00
7-in.....	1.10	7.00
8-in.....	1.35	9.50
9-in.....	1.75	12.50
10-in.....	2.15	15.00
12-in.....	3.25	24.00
BULB PANS (Round). 6x3¾ in. deep.....	1.50	10.00
8x4¼ in. deep.....	3.15	23.00
10x4½ in. deep.....	5.75	46.00
12x4¾ in. deep.....	10.50	80.00
AZALEA POTS .		
6 in. wide x 4½ in. deep.....	1.50	10.00
7 in. wide x 5¼ in. deep.....	2.25	16.00
8 in. wide x 6 in. deep.....	3.25	23.00
10 in. wide x 8 in. deep.....	6.00	45.00
WATERPROOF PAPER POTS .	100	1000
3-in.....	\$0.95	\$8.50
3½-in.....	1.15	10.50
4-in.....	1.50	14.00
5-in.....	2.50	22.00
6-in.....	3.00	25.00
GROWELL FIBER POTS . Used for seedlings, Sweet Peas, etc., they absorb and retain moisture that results in rapid root development and healthy plant growth. In transplanting, both pot and plant should be plunged in the ground.		100
No. 2 size—2¾ in. x 3 in. deep.....		\$4.00
No. 3 size—3½ in. x 3¾ in. deep.....		5.00
No. 4 size—4½ in. x 4 in. deep.....		6.00
No. 6 size—6¾ in. x 6¼ in. deep.....		9.00
FLOWER VASES . Made of heavy galvanized iron. Painted green.	Each	Doz.
Width Depth		
5½ in. 6 in.....	\$0.60	\$6.00
5½ in. 10½ in.....	1.00	10.00
6½ in. 12 in.....	1.25	13.00
7½ in. 15 in.....	1.35	13.00
9 in. 12½ in.....	1.50	16.00
9 in. 18 in.....	2.00	22.00
9 in. 24 in.....	2.75	30.00



TOOLS and REQUISITES—Continued

FORKS.

	Each
Digging , 4-prong, best quality, short handles.....	\$2.50
5-prong, best quality, short handles.....	3.25
Manure , 4-prong, best quality, short handles.....	2.50
5-prong, best quality, short handles.....	3.25
Hay , 2-prong, best quality, long handles.....	2.00
3-prong, best quality, long handles.....	2.25
Weeding . Short handles.....	.75
GARDEN LINES . 100 ft.....	1.75
200 ft.....	3.50
GARDEN REELS , English.....	3.00
GLOVES , Pruning, Oxford Tan.....	Pair 2.50
GRAFTING WAX	Lb. .50
GRASS HOOKS or SICKLES . Best quality. English..	1.50
GRAPE BAGS, Paper .. Per 100 \$1.50, per 1000 \$12.00.	
HEDGE TRIMMER , “Little Wonder.” Model B.	
Cuts 40 in. wide, light and easy to operate.....	27.50
HOES, Draw, Handled . Best quality, 5-in.....	1.00
6-in.....	1.10
7-in.....	1.25
8-in.....	1.50
HOES, Scuffle . Best quality (English). 5-in.....	1.20
6-in.....	1.30
7-in.....	1.40
8-in.....	1.60
HANDLES , Extra.....	.40
HOES, Warren . 7½ in.....	2.00
HOSE MENDERS .	Doz.
Cooper’s Brass, ½ in.....	\$1.50
¾ in.....	1.50
Perfect Clinching, ¾ in.....	2.00
	Each
HOSE COUPLINGS, Brass	\$0.40
Rain King. Snaps on without turning.....	.60
Jiffy. Put on a jiffy by screwing one shell into the other by means of a wrench; strong. No bands necessary; all sizes. Doz. sets (with wrench).....	7.00
HOSE CONNECTION, “Siamese”	1.25
HOSE NOZZLES . Graduating, for ¾ in. hose.....	1.00
Bordeaux, for spray pumps.....	1.50
Mystery, Jr., for spray pumps.....	1.75
The Stott, for under spraying.....	2.00
HOSE, Rubber, “Muller-Sealey Co.’s Special.”	
Durable and non-kinkable, in 25- and 50-ft. lengths.	
½ in.....	Ft. 20c.
¾ in.....	Ft. 22c.
HOTCAPS . A wax paper cone that completely covers each plant. An “individual hothouse” for each plant. Hotkaps are quickly and easily set with the setter and tamper supplied with all orders.	
100 Hotkaps with Setter and Tamper.....	2.50
250 Hotkaps with Setter and Tamper.....	3.75
1000 Hotkaps with Setter and Tamper.....	12.50
	Each
KNIVES, Budding (English).....	\$3.50
Budding (English). Brass cap.....	5.00
Pruning (English).....	3.50
Edging (Handles extra).....	2.50
LABELS .	1000
Wooden . Painted, 4x5/8 in. wide.....	\$2.25
5x5/8 in. wide.....	2.75
6x5/8 in. wide.....	3.25
8x7/8 in. wide (Garden).....	Per 100 \$1.00, 9.00
10x7/8 in. wide (Garden).....	Per 100 \$1.25, 11.00
12x1½ in. wide (Garden).....	Per 100 \$1.60, 13.00
Hanging . Copper wired, painted, 3½ in.....	3.00
Pot . Celluloid (5-in.).....	Per 100 \$5.00
“Simplex” Waterproof. 3x½ in.....	Per 100 \$3.00
4x¾ in.....	Per 100 \$5.00
5x1 in.....	Per 100 \$7.00
“Simplex” Garden No. 10, with iron stake 24 in. long and metal ticket holder.Doz. \$3.00, 100 \$25.00,	



TOOLS and REQUISITES—Continued

LAWN MOWERS (HAND)

Each

Pennsylvania Jr. High wheel (5 blades). The most popular lawn mower on the market. The five revolving blades are driven by a triple set of gears and a 10 in. traction wheel from each side, which makes it capable of cutting grass 6 inches high. (Self sharpening).

15 in.....	\$24.00
17 in.....	27.00
19 in.....	30.00
21 in.....	33.00

Super Great American. High wheel (5 blades). Unsurpassed in quality, durability and the perfection of its working parts.

15 in.....	19.00
17 in.....	21.00
19 in.....	24.00

The Aristocrat Golf Mower. High wheel (7 blades). Especially adapted for putting greens, tennis courts, etc. Can be adjusted to cut 3-16 of an inch.

19 in. only.....	36.00
Grass catcher.....	8.00

Improved Excelsior Roller Mower (6 blades). A combined lawn roller and mower for putting greens and formal garden borders.

12 in.....	38.00
14 in.....	40.00
16 in.....	42.00
18 in.....	44.00
Grass box for above, any size.....	6.00

Imperial Roller Bearing. (5 blades.) Durable, light running, easy to push and requiring minimum of attention to adjustments. Roller bearings enclosed in dustproof housings.

16 in.....	21.00
18 in.....	22.00
20 in.....	23.00

Townsend Victory. (4 blades.) One of the most perfectly constructed and easiest running machines made. 10 in. wheels. Triple gear. Ball bearings.

14 in.....	17.00
16 in.....	18.00
18 in.....	20.00
20 in.....	22.00

The Pennalite Aluminum Mower. Here is a real high grade featherweight lawn mower weighing only 29 pounds. It is constructed of tough aluminum alloy castings; is 14 pounds lighter than the regulation mowers, and runs so easily that a child can handle it. The blades, the vital parts of any mower, are made of crucible tool steel, oil hardened and tempered. 17 in. (5 blades)..... 16.50

LAWN TRIMMER AND EDGER. With this combination machine, equipped with a steel disc and a small plow, you can trim the overhanging grass along the hedges of paths and flower beds and do any similar work that has heretofore required a half-moon hoe, a grass-hook, or hand shears. 6 in. (4 blades)..... 10.00

ALL OTHER MAKES OF HAND MOWERS CAN BE SUPPLIED. Also POWER MOWERS

Write for prices

LAWN CLEANER and RAKE (Pennsylvania). Removes from the lawn not only the cut grass but all sorts of litter, leaves, etc., leaving the grass standing upright. 24 in..... \$35.00



TOOLS and REQUISITES—Continued

LAWN SPRINKLERS	Each
The Dayton, Type A. —Rotary and oscillating; adjustable from fine light spray to heavy stream; spread from 10 to 80 ft.; sprinkles in half or full circle; all adjustments can be made without turning off water.....	\$10.00
The Dayton, Type B. Rotary; operates on water pressure as low as 5 lbs.; adjustable nozzle; range from 15 to 50 ft.; travels at high speed, breaking water into tiny particles.....	3.50
The Dayton Three-Way. A whirling spray that operates on as low as 5-lb. pressure and has 48 ft. circular spread under 35 lb. water pressure.....	4.00
California Lawn Sprinkler. Has four brass arms mounted on sled.....	2.75
Brass Fountain Sprinkler.	1.00
MATS, Hotbed	Doz.
Both sides burlap, 76x76.....	\$38.00
Both sides burlap, 40x76.....	22.00
One side waterproof, 76x76.....	48.00
One side waterproof, 40x76.....	35.00
MELON NETS	Doz. \$3.50, 100 25.00
MOLE TRAPS, The Reddick	Each 1.50
NAILS, English Wall (Chandler's Patent), 1½ in..	
Box of 100.....	2.25
NETTING, Dark Tanned, Imported.	
In pieces, 25 yds x 8 yds.....	14.00
NETTING, Bird. For Strawberry beds, etc.; 20 or 30 ft. wide. Per lb. (1 lb. will cover 200 sq. ft.).....	2.75
PAPER, Wax Tissue, 24x36.	Ream 3.50
Plain, Tissue, 24x36.	Ream 2.50
Cream, Manila, 24x36.	Ream 7.00
Brown, Wrapping, 40x48.	Lb. .16
Brown, Wrapping, on rolls, 24 in. wide.	Lb. .16
Brown, Wrapping, on rolls, 36 in. wide.	Lb. .16
PENCILS, Wolff's Indelible.	Each .20
PLANT STAKES, Round, Green, Light	100
2 ft.....	\$3.00
3 ft.....	7.00
4 ft.....	10.00
5 ft.....	13.00
Round, Heavy	
4 ft.....	14.00
5 ft.....	17.00
6 ft.....	22.00
Square, Heavy	
4 ft.....	15.00
5 ft.....	18.00
6 ft.....	23.00
Wire Stakes for Roses	
3 ft.....	2.75
4 ft.....	3.50
5 ft.....	4.50
PUMPS	Each
Pomona Barrel Spray Pump. Pump with agitator and hose coupling.....	\$22.00
Outfit C. Pump with agitator. One lead, 15 ft. discharge hose and nozzle.....	28.25
Mounted on barrel.....	39.00
Outfit D. Pump with agitator. Two leads hose and two spray nozzles.....	34.50
Mounted on barrel.....	45.00
Brass Bucket Pump	7.00
PRUNERS, Tree. Standard	
6 ft. pole.....	2.50
8 ft. pole.....	2.75
10 ft. pole.....	3.00
12 ft. pole.....	3.50
Little Giant. Has hook and saw combined, attaches to pole.....	3.50



TOOLS and REQUISITES—Continued Each

RAFFIA.	Natural color.....	Lb. \$0.40
	Green.....	Lb. 1.25
RAKES, Steel.	10 teeth.....	\$1.20
	12 teeth.....	1.30
	14 teeth.....	1.40
	16 teeth.....	1.50
	18 teeth.....	1.60
Hay, Wooden.	12 teeth.....	1.00
Lawn, Wooden.	Aluminum bow, 24 teeth.....	1.35
Bamboo Lawn Rake.	Made of split bamboo, wired top and bottom, light and durable. Has a 4-ft. adjustable wood handle. 24 in. \$1.00, 30 in.....	1.50
SAWS, Pruning		
Single Edge	Each	Double Edge
16-in.....	\$1.75	16-in..... 2.00
18-in.....	2.00	18-in..... 2.25
20-in.....	2.25	20-in..... 2.50
SCYTHES, Lawn.	English, best quality.....	3.50
SCYTHE SNATHS or Handles.	.....	2.00
SCYTHE STONES.	Round.....	.35
SCISSORS, Vine.	English, 7-in.....	2.25
SHEARS, Hand Pruning, Wiss,	9 in. \$4.00, 10 in....	4.50
Wheel Spring, imported, 8 in. \$4.00, 9 in.....	5.00	
Perfection. Double cut (imported), 8½ in.....	4.50	
Hedge. English. 9 in. \$4.00, 10 in.....	5.00	
Lopping. English.....	6.00	
Border. English, long handles. 9 in \$6.00, 10 in....	7.00	
Grass or Sheep. Best quality.....	1.50	
SHOVELS.	Best cast steel, square or round point.....	2.50
SIEVES, Wire.	18 in. diam.....	\$2.50 and 3.00
SILKALINE, Meyer's Green.	Box of 8 spools.....	3.50
SPADES.	Best cast steel (Ames').....	2.50
SPRAYERS.	Auto compressed air. No. 9B brass tank with Auto-Pop nozzle.....	9.50
"Paragon" No. 3.	Capacity 12 gals. Equipment: 10 ft. Special Spray Hose, 7½ ft. Extension Pipe, 1 Mist Nozzle, 1 Steel Cap, 1 Straight Spray. Price with Truck.....	22.50
"Paragon" No. 4.	Capacity 28 gals. Equipment: 20 ft. Special Spray Hose, 10 ft. Extension Pipe, 1 Mist Spray Nozzle, 1 Extra Steel Cap, 1 Straight Spray. Price with Truck.....	39.50
SYRINGES, Brass.	No. 10. Length of barrel, 18 in. with two spray roses, stream and elbow joint. Extra heavy.....	7.50
No. 11.	Length of barrel 18 in. with two spray roses and stream.....	6.00
STYPTIC, Thomson's.	To prevent bleeding of vines. Bottle	1.00
SUMMER CLOUD.	English greenhouse shading. 8-oz. pkg.	.75
PLANT TUBS, White Cedar.	Made of heavy cedar, painted green. Outside measurements:	
	Diam. Height	
No. 00	32 in. 26 in.....	22.00
No. 0	30 in. 24 in.....	19.50
No. 1	28 in. 22 in.....	16.00
No. 2	26 in. 20 in.....	13.50
No. 3	24 in. 18½ in.....	8.50
No. 4	22 in. 17 in.....	7.00
No. 5	20 in. 16 in.....	6.00
No. 6	18½ in. 15 in.....	5.00
No. 7	17 in. 14 in.....	4.50
No. 8	16 in. 13 in.....	4.00
No. 9	14 in. 12 in.....	3.50
No. 10	12 in. 9½ in.....	3.00
No. 11	10½ in. 9 in.....	2.75
No. 2 and larger have hook handles. Smaller sizes drop handles.		



TOOLS and REQUISITES—Continued

TUBS—Continued

Cedar Plant Tub, Richmond Style. Made from selected Virginia white cedar, bound with electric welded wire hoops (galvanized). Painted drop handles, if wanted, at 30c. per pair. Inside measurement.

	Diameter	Height	Each
No. 3.....	8 in.	8 in.	\$0.65
No. 4.....	9 in.	9 in. ....	.75
No. 5.....	10 in.	9 in. ....	.90
No. 6.....	11 in.	10 in.	1.00
No. 8.....	13 in.	12 in.	1.50
No. 10.....	15 in.	14 in.	2.25
No. 12.....	17 in.	16 in.	2.75
No. 14.....	19 in.	18 in.	3.75

THERMOMETERS, Copper Case.	8 in.....	1.50
Japanned Case.	10 in.....	1.25
Self-Registering, Japanned Case.	8 in.....	6.50
10 in.....		7.00
Mushroom Bed.	Best grade.....	3.00

TROWELS. Solid forged steel.		
7-in.....	\$0.85	8-in..... 1.00

TWINE, Green Smilax.		Box of 8 balls	1.25
Marline (Tarred Twine).		Lb. ....	.50
Hemp. All sizes.....		Lb.	1.00
Jute. 3- and 4-ply, for trees.....		Lb. ....	.50
Binder. 5 lb. ball.....			1.50

WATERING POTS:

Philadelphia. Long spouts, 2 copper-faced roses:			
6 qt.....	\$5.00	8 qt.....	5.50
10 qt.....			6.00
French. Oval, long spout, 2 roses, brass bow handle:			
6 qt.....	\$6.00	8 qt.....	6.50
10 qt.....			7.00
Hawes Pattern:			
4 qt.....	\$6.50	8 qt.....	8.50
6 qt.....	7.50	10 qt.....	9.50

WEEDERS and CULTIVATORS:

Eureka. Short handle, steel fingers.....	.60
Magic. Short handle, weeder and hoe combined....	.50
Norcross Cultivator, 5-prong, 4-ft. handle.....	1.50
3-prong, 4-ft. handle.....	1.25

WHEELBARROWS. Best make. Medium size.....	8.50
Large size.....	9.50

PLANET JR. TOOLS:

No. 11, Double and Single Wheel Hoe Combined. Equipment: 1 pair 6-in. hoes, 1 pair 4½-in. hoes, 4 steel cultivator teeth, 1 pair plows, two 3-tooth rakes, two 5-tooth rakes, 2 leaf lifters.....	13.75
No. 16, Single Wheel Hoe. Equipment: 1 pair 6-in. hoes, 3 cultivator teeth, 1 large garden plow, one 7-in. rake, one 4-in. rake, 1 leaf guard.....	9.00
No. 12, Double Wheel Hoe. Equipment: 1 pair 6-in. hoes, 4 steel cultivator teeth, 1 pair plows, 2 leaf lifters.....	10.75
No. 4, Combined Seeder and Wheel Hoe. Holds 2½ qts. Equipment: 1 pair 6-in. hoes, 3 cultivator teeth, 1 plow, 1 leaf guard, 1 marker.....	18.00
No. 25, Combined Hill and Drill Seeder, Double and Single Wheel Hoe and Cultivator and Plow. Holds 2½ qts. Equipment: 1 pair 6-in. hoes, 4 cultivator teeth, 1 pair plows, 2 leaf guards, 1 marker.....	22.00
No. 8, Horse Hoe and Cultivator. Equipment: four 3x8 in. cultivator steels, one 4x8 in. cultivator steel, two 6-in. hillers, one 7-in. shovel, lever expander, depth regulator.....	16.50
Complete Illustrated Catalog of Planet, Jr. Tools mailed on request	



INSECTICIDES

(Prices subject to market changes)

Ant Killer. A very effective product for use on lawns, golf courses, etc. A small quantity will quickly kill an entire colony. 4½ oz. tins 50c.

Ansect (Rose Bug Killer). Highly effective when used on Rose bugs, aphis, red spider, mealy bug and other garden pests. Use 1 part in 30 to 50 parts of water. Gal. \$4.00, 5 gals. \$19.50.

Aphine. For the destruction of all soft bodied and plant sucking insects such as green, black and white fly, red spider, thrips, mealy bug, brown and white scale. Use 1 part to 40 parts water. Gal. \$3.00.

Arsenate of Lead Powder. Better than Paris Green. Can be used for wet spraying or dry dusting. For the destruction of caterpillars, codling moth, fruit fly, and all leaf-chewing insects. Dilute 1 lb. to 15 gals. of water. 4 lbs. \$1.00, 24 lbs. \$5.50, 100 lbs. \$20.00.

Black Leaf 40. An excellent spray for aphis and sucking insects of all kinds. Full directions on each container. 2 lbs \$3.25, 10 lbs. \$10.50.

Bordeaux Mixture, Powdered. For blight, mildew, rust, etc. It has all the advantages of paste with double the strength. Used for dry dusting or wet spraying. 4 lbs. \$1.00, 24 lbs. \$5.50, 100 lbs. \$20.00.

Bordo Lead (Powder). Insecticide and fungicide combined. Kills bugs and prevents blight, mildew and fungus. 25 lbs. \$7.00, 100 lbs. \$25.00.

Calcium Arsenate Powder. For spraying Potatoes against chewing and leaf eating insects, mixed easily with water, and can be used either wet or dry. Safer and better to use than Paris Green. 1 lb. makes 40-50 gals. for use. 4 lbs. 50c., 24 lbs. \$2.65, 100 lbs. \$10.00.

Cut Worm Killer. A coarse powder for sprinkling near the plants to be protected. It has an enticing odor that worms prefer to vegetation. 5 lbs. \$2.00, 25 lbs. \$7.50.

Cyanogas (Calcium Cyanide), "G" grade. A modern fumigant for greenhouses. For aphis, thrips, white fly and soft scale; easily applied by scattering on walks of greenhouses. 5 lbs. \$3.50.

Cyanogas, "A" grade. For moles, ants, woodchucks, field mice, etc. 5 lbs. \$3.50.

Copper Solution. For rust on Carnations, etc. Gal. \$4.50.

Evergreen. (One pound will make 100 gallons spray). A powerful, non-poisonous insecticide that kills all plant insects, and will not injure the most tender foliage. Kills caterpillars, Mexican bean beetle, Japanese beetle, aphis, cut worms, thrips, white fly, and many others. Full instructions with each container. Gal. \$12.00, 5 gals. \$50.00.

Fish Oil Soap. For sucking insects on plants and trees. 5 lbs. \$1.80, 25 lbs. \$7.00.

Fungine. For mildew and other fungous diseases. Gal. \$3.00.

Fungtrogen. For mildew, black spot, etc. on Roses and other plants. Gal. \$6.00.

Grape and Rose Dust. For mold, mildew or rust mites, either in the greenhouse or open air. 5 lbs. \$1.50, 25 lbs. \$6.50.

Hellebore Powder. For the destruction of slugs, worms, caterpillars, etc. Lb. 50c., 5 lbs. \$2.30.



INSECTICIDES—Continued

Imp Soap Spray. Most effective against Rose bug, mealy bug, white, black, green and rhododendron fly, red spider, etc. Mix 1 gal. with 25 to 40 gals. water according to the resistance of the pest. Gal. \$3.50.

Lemon Oil. For mealy bug, scale, thrips, red spider, etc. Gal. \$3.50.

Lime Sulphur Powder. For dormant spraying of fruit and shade trees against San Jose and oyster shell scale. 25 lbs. \$5.50, 100 lbs. \$17.00.

Mag-O-Tite. For the control of root maggots on Cabbage, Cauliflower and other root crops. 25 lbs. \$5.00.

Mexogen. Kills and repels Mexican bean beetle; a highly concentrated non-poisonous contact spray and repellent scientifically prepared to destroy this destructive enemy of the truck gardener. Also kills cabbage worms and many other insect pests. 1 gal. makes 40 gals. spray. Gal. \$6.00.

Mologen. Eliminates moles from lawns and gardens. Non-poisonous, and will in no way injure soil or grass. Odorless. 1½ lb. can, \$1.25; 5 lbs. can, \$4.00.

Nico-Fume Liquid. For spraying or fumigating. 4 lbs. \$5.75, 8 lbs. \$10.00.

Nico-Fume Paper. For fumigating. 144 sheets \$4.50, 288 sheets \$8.00.

Nico-Fume Powder. A specially prepared tobacco powder, which makes a simple and effective fumigator. 10 lb. tin, \$5.85.

Para-Dichloro-Benzine. For Peach tree borer. When placed around the base of a Peach tree will generate a gas that will kill the borers in that tree. 10 lbs. \$5.00, 25 lbs. \$10.00.

Paris Green. For use against Potato bugs, etc. 5 lbs. \$2.75.

Pomo-Green with Nicotine. A single material used as a dust or spray to control both insects and diseases on flowering plants and shrubs without being conspicuous on the foliage. It has also been found that rabbits will not eat foliage that has been covered with Pomo-Green. Full directions are shown on each can. 5 lb. can \$3.00.

Pyralink. The most effective and economical treatment that has been developed for the control of Crab Grass. One gallon makes 128 gallons of finished material. Apply one gallon per 5 square feet. Gal. \$5.00, 5 gals. \$24.00.

Pyrox (Bowker's Paste). Kills all leaf-eating insects and prevents blight and fungous troubles without injury to fruit or foliage. 25 lbs. \$7.50, 100 lbs. \$20.00.

Red Arrow Insect Spray. A Pyrethrum spray that does not burn or stain the foliage or flowers of the tenderest plants. Oz. 35c., ¼ pt. \$1.00, ½ pt. \$1.75, pt. \$3.25, qt. \$6.00, gal. \$17.50.

Rotecide. Kills red spider, rose slugs, cyclamen mites, Japanese beetles, cabbage bug, potato beetle, etc. Use one ounce to one gallon of water; 1½ quarts to 50 gallons of water. Gallon \$8.00.

Scalecide. For San Jose scale. 5 gals. \$6.00, 10 gals. \$10.00, 30 gals. \$25.00.

Slug Shot. For currant worms, rose slugs, etc. 5 lbs. \$1.00, 25 lbs. \$4.00.

Snarol. A ready prepared bait meal that means sure death for cutworms, snails, slugs, sowbugs, grasshoppers, earwigs, and other garden pests. 50 lb. bag. \$8.00.



INSECTICIDES—Continued

STIMUGERM. The best inoculation for all legume seeds. For Clovers, Alfalfa, etc., $\frac{1}{4}$ bus. size 35c., $\frac{1}{2}$ bus. size 60c., 1 bus. size \$1.00, $2\frac{1}{2}$ bus. size \$2.25.
For Cow Peas, Vetches, Beans, etc. $\frac{1}{2}$ bus. size 35c., 1 bus. size 60c., 2 bus. size \$1.10, 5 bus. size \$2.25.
Special garden size for Peas, Beans and Sweet Peas, 25c.
When ordering specify crop and amount of seed you wish to inoculate.

Sulphur, for preventing *mildews* on Grapes, Roses, etc. 1 lb. 20c., 5 lbs. 75c., 10 lbs. \$1.25.

Tobacco Dust. For dusting. 100 lbs. \$4.50.

Tobacco Dust. For fumigating. 100 lbs. \$6.00.

Tobacco Stems. 100-lb. bale \$4.00.

To-Na-Cide. For controlling insect pests that infest the soil. It is a soil treatment, and no insect coming in contact with the soil treated with To-Na-Cide can possibly exist thereafter. For the best results we have found the application at the rate of about 1 pound to 40 square feet of bench surface. It is essential that the material be thoroughly watered into the soil after application. The fumes are destructive to pests only and not injurious to plant life or to humankind. 25 lbs. \$5.00, 50 lbs. \$8.00, 100 lbs. \$12.50.

Tree Wound Paint. Prevents decay after pruning; does not peel, crack or get brittle. Stops tree bleeding. Gal. \$3.00, 5 gals. \$13.50.

Tri-Ogen. For mildew, black spot, canker, and rust on Roses, stem rot, Delphinium blight, and fungus on most other plants. Price:

A. Kit (makes 16 quarts).....	\$1.50
B. kit (makes 64 quarts).....	4.00
C. kit (makes 32 gallons).....	6.00
D. Kit (makes 128 gallons).....	20.00

Vermine. For all soil vermin. Gal. \$3.00.

Weed Killer (Herbicide). Destroys weeds in paths, roads and gutters and prevents their re-appearance for one year. 5 gals. \$7.50, 10 gals. \$12.50, 30 gals. \$30.00.

Wilson's O. K. Plant Spray. One of the leading insecticides for aphid, thrips, mealy bugs, scale and many other insects, 5 gals. \$12.00, 10 gals. \$22.00, 25 gals. \$50.00, 50 gals. \$90.00.

Wilson's Awine Spray. For greenhouse, vegetable garden or general outdoor use. A safe and effective means for controlling both leaf-eating and sucking insects. Gal. \$10.00.

Wilson's Tri-Tox-Cide. A non-poisonous triple action insecticide-fungicide dust for the control of Gladiolus thrips and Mexican Bean beetle. 5 lbs. \$4.75, 25 lbs. \$21.50.

Worm Eradicator Powder. For the destruction of worms in Lawns, Putting Greens, etc. 112 lbs. \$8.00.

X-L-All Insecticide. Kills mealy bug, red spider and all insect pests. Gal. \$9.00.

X-L-All Vaporizing Compound. The best and most effectual method for fumigating greenhouses for the destruction of green and black fly, thrip, mealy bug, etc. It may be used with every confidence in houses containing the most tender plants in full bloom.

Bottle sufficient for 20,000 cubic feet.....	\$5.00
Bottle sufficient for 40,000 cubic feet.....	9.00
Quart tin sufficient for 80,000 cubic feet.....	16.00
Fumigators for above—small size.....	1.50
Fumigators for above—large size.....	2.00

Zenke's Fungicide. Effective remedy for leaf spot, rust, mildew and black rot. Gal. \$4.00.



FERTILIZERS

(Prices subject to market changes)

Acid Phosphate. One of the best mediums for supplying the much needed phosphorus to the soil. 100 lbs. \$2.00, ton \$30.00.

Adeco. Will convert lawn mowings, leaves, etc. into a complete organic fertilizer. 50 lbs. makes a ton of well rotted manure. 25 lbs. \$2.25, 150 lbs. \$10.50.

Blood, Dried. For top dressing, mixing with the soil and applying it in liquid form, it is one of the best and safest nitrogenous fertilizers. 100 lbs. \$6.00.

Blood and Bone. For garden crops, fruit trees, etc. 100 lbs. \$5.00.

Bonemeal. Ground very fine; excellent for Roses, etc. 100 lbs. \$4.00, ton \$60.00.

Bone, Ground. Pure ground bone, for general use. 100 lbs. \$4.50, ton \$65.00.

Bon Arbor No. 1. An excellent food for all plants. 5 lbs. \$2.50, 50 lbs. \$18.00.

Carnation Manure (Bentley's). Affords a safe and absolutely reliable aid to the perfect growth of the plant and consequently promotes the highest possible development in form and color. It also keeps the soil sweet and is an infallible preventive of Carnation rust. 56 lb. bag \$8.00.

Clay's Fertilizer. Highly recommended by leading horticulturists in the cultivation of flowers, fruits and vegetables for exhibition, etc. 56 lbs. \$7.50, 112 lbs. \$14.00.

Cow Manure (Shredded). 100 lbs. \$4.00, ton \$60.00.

Chrysanthemum Manure. For Chrysanthemums, Roses, Carnations and other flowering plants in the field or under glass. 100 lbs. \$5.00.

Driconure. A combination of about 35 per cent peat moss with 65 per cent cow manure, weedless, odorless, and easy to handle. Equally good as a lawn dressing, a garden fertilizer, or as a mulch. Price per bag of 50 lbs. \$3.00, per ton (40 bags) \$85.00.

Floranid (Urea). The most highly concentrated nitrogenous fertilizer in commerce, contains 46 per cent of available nitrogen, and leaves no harmful residue in the soil. A quick-acting stimulant for lawns, vegetables, fruits and flowers. 25 lbs. \$2.75, 50 lbs. \$4.75.

Humus (Hyper). Valuable for all garden purposes, including lawn and greenhouse plants. 100 lbs. \$2.25, ton \$30.00. (Write for special quotation on carload lots.)

Lime, Agricultural. For sweetening sour lands. 80 lbs. \$1.25, ton \$25.00.

Loma. A concentrated high quality fertilizer. Easy and safe to apply. The perfect plant food. 100 lbs. \$5.50.

Muriate of Potash. The essential element for the proper development of all root crops. 100 lbs. \$6.00.

Nitrate of Soda. Hastens maturity of crops. 100 lbs. \$4.50, ton \$65.00.



FERTILIZERS—Continued

Rhody-Life. It is a preparation for *making soils acid*, a condition which the *Rhododendrons*, Laurels, Azaleas, Pines, Spruce thrive in. 100 lbs. \$5.00.

Rose Food. Specially prepared for Roses. 100 lbs. \$8.00.

Salt, Agricultural. For top dressing Asparagus beds, etc. 100 lbs. \$2.00.

Sheep Manure (Pulverized). Nutritious and quick acting. 100 lbs. \$4.00, ton \$60.00.

Scotch Soot. For stimulating growth and giving a rich, dark foliage; also an excellent remedy against slugs, grubs and cutworms. 100 lbs. \$6.00.

Sulphate of Ammonia. Contains 24 per cent ammonia; excellent for improving lawns and putting greens; use 1 lb. to 50 sq. ft. 100 lbs. \$5.00.

Sutton's "Simplex" Fertilizer. Unrivaled as a general plant food. 112 lb. bag \$15.00.

Vigoro. A scientifically balanced food ration furnishing all plant life with proper nourishment for maximum growth and beauty. It is clean, odorless, free from weed seeds and easy to apply. 100 lbs. \$5.00.

Wood Ashes. 100 lbs. \$3.50, ton \$55.00.

"Agrico" Corn Fertilizer. Ammonia, 3 per cent.; available phosphoric acid, 10 per cent; potash, 6 per cent. 100 lbs. \$3.50, ton \$55.00.

"Agrico" Grain Fertilizer. Ammonia, 2 per cent.; available phosphoric acid, 12 per cent.; potash, 4 per cent. 100 lbs. \$3.00, ton \$50.00.

"Agrico" Potato Fertilizer. Ammonia, 5 per cent.; available phosphoric acid, 8 per cent.; potash, 7 per cent. 100 lbs. \$3.50, ton \$60.00.

"Agrico" General Truck Fertilizer. For farm and garden crops. Ammonia, 5 per cent.; available phosphoric acid, 10 per cent; potash, 5 per cent. 100 lbs. \$3.50, ton \$60.00.

"Agrico" Fertilizer for Trees and Shrubs. Ammonia, 8 per cent.; available phosphoric acid, 6 per cent.; potash, 6 per cent. 100 lbs. \$3.50, ton \$60.00.

"Agrico" Fertilizer for Top Dressing. Ammonia, 8 per cent.; available phosphoric acid, 6 per cent.; potash, 6 per cent. 100 lbs. \$3.50, ton \$60.00.

Potting Materials

Charcoal (Fine). 50 lb. bag \$3.00.

Charcoal (Lump). 30 lb. bag \$2.00.

Leaf Mold. 100 lbs. \$4.00.

Moss, Live Green Sphagnum. Bag \$3.50.

Moss (Dry). 5-bbl. bale \$5.00.

Moss, Green, in sheets. Bag \$5.00.

Peat, Fibrous, for Orchids, etc. Bag \$3.50, bale \$25.00.

Peat, Jersey. For mixing with soil. Sack \$3.00.

Granulated Peat Moss

Excellent for mulching Rose beds, perennials, evergreens, and Rhododendrons, and for mixing with soil for pot plants. One bale will cover 240 square feet 1 inch deep. Bale \$4.00.



Muller-Sealey Company Inc.
145 West 45th Street - New York

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